

# Converting Colors

XYZ(92.7717, 86.4445,  
202.5640)

Have a look what the booklet for  
XYZ(92.7717, 86.4445, 202.5640)  
contains.

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# Color

**XYZ(74.3472, 79.0794,  
105.9531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5E8FF
RGB	213, 232, 255
RGB Percent	84%, 91%, 100%
CMY	0.1647, 0.0902, 0.0000
CMYK	0.16, 0.09, 0.00, 0.00
HSL	213°, 100%, 92%
HSV	213°, 16%, 100%
XYZ	74.3472, 79.0794, 105.9531
YIQ	228.9410, -18.7070, 3.1250

# Conversions

## Conversions Part 2

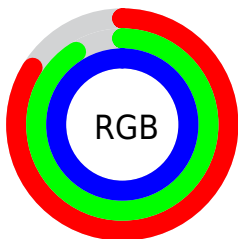
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 226, 255
Decimal	14018815
CIE Lab	91.27, -1.68, -13.24
CIE LCh	91, 13.347, 262.777
Yxy	79.0794, 0.2866, 0.3049
Android (android.graphics.Color)	4292208895 (0xFFD5E8FF)
YUV	228.9410, 12.8471, -13.9803
Hunter-Lab	88.9266, -6.3864, -8.3935

# Details

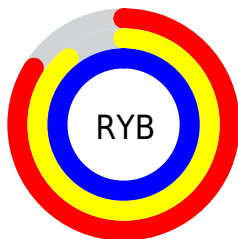
The XYZ color **74.3472, 79.0794, 105.9531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2453, 86.0536, 75.1750**, and the grayscale version is **74.3530, 78.2252, 85.1872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8189, 42.3970, 59.5108** is the 20% darker color. If you saturate the color by 10%, you get **63.7492, 68.0134, 104.3757**, and if you desaturate by 10%, it is **86.4246, 91.3758, 107.6900**.

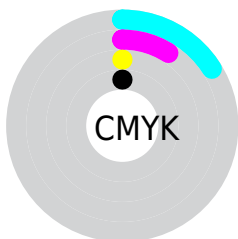
# Distribution



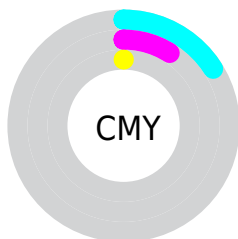
- Red (84%)
- Green (91%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3472, 79.0794, 105.9531 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.3472, 79.0794, 105.9531 by changing the saturation by 10% instead.



■ 74.3472, 79.0794,  
105.9531

■ 74.3472, 79.0794,  
105.9531

464.7026,  
491.8249, 600.5238

■ 55.3705, 58.9611,  
80.6370

124.3807,  
132.0706, 171.4373

■ 39.9335, 42.5818,  
59.7134

156.1683,  
165.7124, 212.4424

■ 27.6707, 29.5571,  
42.7639

192.9569,  
204.6307, 259.5143

■ 18.2167, 19.5027,  
29.3699

235.1119,  
249.2100, 313.0715

■ 11.2063, 12.0341,  
19.1128

282.9986,  
299.8346, 373.5325

■ 6.2741, 6.7669,  
11.5742

336.9824,

■ 3.0547, 3.3167,

356.8891, 441.3158

6.3354

397.4286,  
420.7577, 516.8401

■ 1.1828, 1.2992,  
2.9780

■ 0.0927, 0.1406,  
1.0834

■ 74.3472, 79.0794,  
105.9531

■ 74.3472, 79.0794,  
105.9531

■ 63.7492, 68.0134,  
104.3757

■ 86.4246, 91.3758,  
107.6900

■ 54.5629, 58.1259,  
102.9514

95.0500, 100.0000,  
108.9000

■ 46.7244, 49.3748,  
101.6754

■ 40.1620, 41.7119,  
100.5422

■ 34.7968, 35.0842,  
99.5457

■ 30.5401, 29.4336,  
98.6794

■ 27.2889, 24.6938,  
97.9358

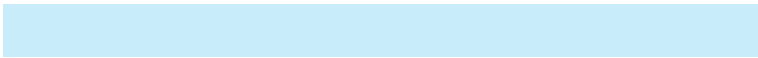
■ 24.9163, 20.7854,  
97.3065

■ 24.2241, 19.5682,  
97.1080

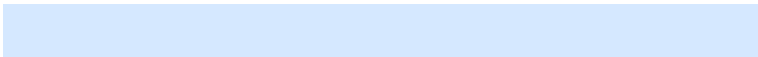
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2935, 79.0794, 101.8173



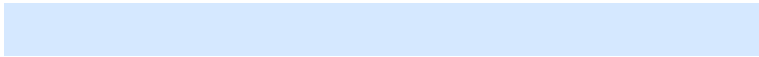
74.3472, 79.0794, 105.9531



77.7108, 79.0794, 104.4607

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3472, 79.0794, 105.9531



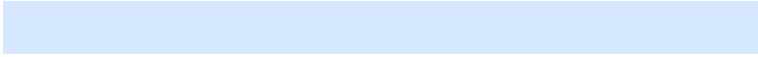
81.3252, 79.0794, 79.0868



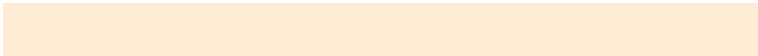
70.0977, 79.0794, 75.3127

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.3472, 79.0794, 105.9531



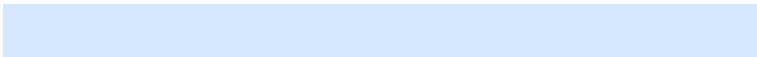
83.2453, 86.0536, 75.1750

# Split Complementary

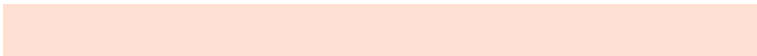
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6707, 79.0794, 70.0346



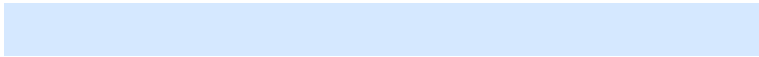
74.3472, 79.0794, 105.9531



79.1692, 79.0794, 72.0967

# Square

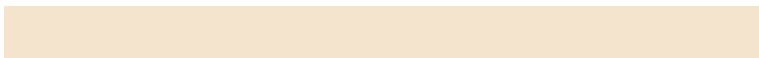
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3472, 79.0794, 105.9531



81.8067, 79.0794, 88.4691



75.9839, 79.0794, 68.9030

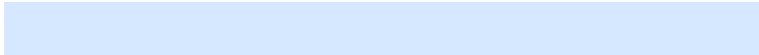


68.8884, 79.0794, 83.7815



# Rectangle

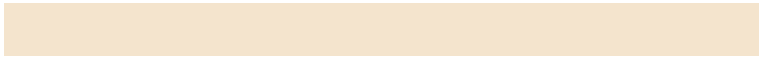
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



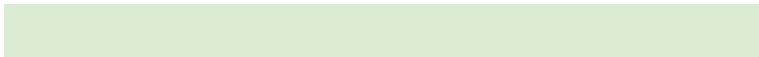
74.3472, 79.0794, 105.9531



79.6704, 79.0794, 100.5244



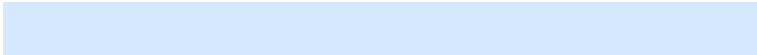
75.9839, 79.0794, 68.9030



70.8281, 79.0794, 73.1332

# Sweetspot

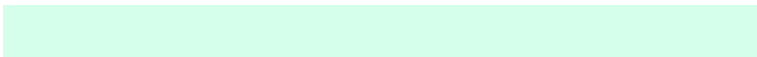
The Sweet Spot groups the original color and five complimentary colors.



74.3493, 79.0826, 105.9536



88.3271, 93.2880, 107.9588



78.2547, 91.6879, 92.4745



18.7100, 19.7710, 23.0800



0.0000, 0.0000, 0.0000

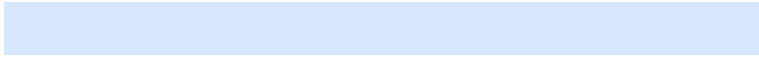


20.3446, 21.4041, 23.3091

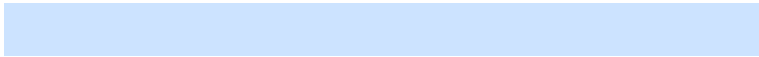


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3493, 79.0826, 105.9536



70.4417, 75.0371, 105.3787



69.6940, 69.1665, 104.2849



17.6799, 18.7314, 22.9336



12.8022, 10.5139, 50.7892



1.3539, 1.2385, 4.9810



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.6011, 74.6762, 86.5662



76.7085, 69.9960, 82.1956



88.4974, 97.3197, 77.0727



18.3511, 18.1237, 20.4659



23.2501, 11.7893, 9.9676

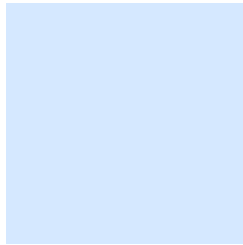


2.3180, 1.1696, 1.2559



# Previews

## White Background



This preview shows how the XYZ color 74.3472, 79.0794, 105.9531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

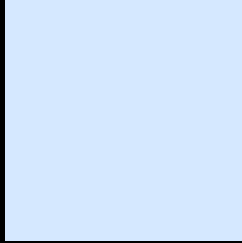
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3472, 79.0794, 105.9531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

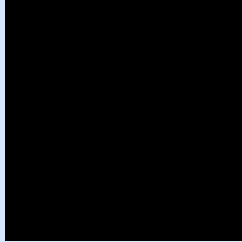
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

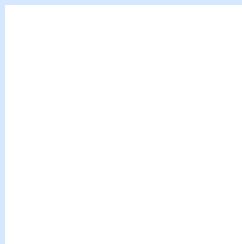
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 74.3472, 79.0794, 105.9531

## Background



This preview shows how black text looks on a background with the XYZ color 74.3472, 79.0794, 105.9531.



This preview shows how white text looks on a background with the XYZ color 74.3472, 79.0794,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

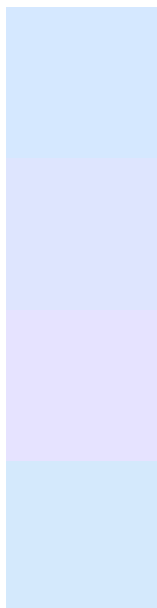




## **Tritanopia**

73.7029, 79.2399, 102.6771

# Trichromacy



## Original Color

74.3472, 79.0794, 105.9531

## Protanomaly

76.0329, 78.7240, 104.9538

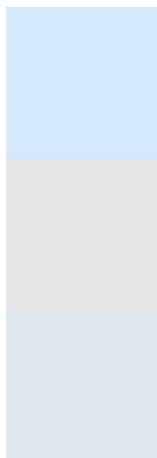
## Deuteranomaly

78.1522, 78.9812, 105.7336

## Tritanomaly

73.8610, 79.3032, 103.5096

# Monochromacy



## Original Color

74.3472, 79.0794, 105.9531

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.1609, 78.4547, 92.1235

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3472, 79.0794, 105.9531 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 232, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 232, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3472, 79.0794, 105.9531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 232, 255) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 232, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 232,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3472, 79.0794, 105.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 232, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
232, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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