

Converting Colors

XYZ(71.5759, 76.8457,
105.6680)

Have a look what the booklet for
XYZ(71.5759, 76.8457, 105.6680)
contains.

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Color

**XYZ(71.5237, 76.7928,
105.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE6FF
RGB	205, 230, 255
RGB Percent	80%, 90%, 100%
CMY	0.1961, 0.0980, 0.0000
CMYK	0.20, 0.10, 0.00, 0.00
HSL	210°, 100%, 90%
HSV	210°, 20%, 100%
XYZ	71.5237, 76.7928, 105.6605
YIQ	225.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

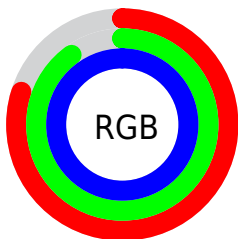
Format	Color
R _Y B	205, 222, 255
Decimal	13494015
CIE Lab	90.23, -3.09, -14.86
CIE LCh	90, 15.176, 258.270
Yxy	76.7928, 0.2816, 0.3024
Android (android.graphics.Color)	4291684095 (0xFFCDE6FF)
YUV	225.3750, 14.6051, -17.8689
Hunter-Lab	87.6315, -7.6657, -10.1461

Details

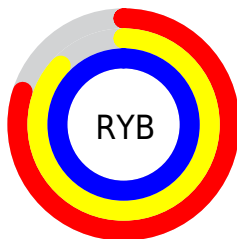
The XYZ color **71.5237, 76.7928, 105.6605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.5561, 82.2605, 69.3915**, and the grayscale version is **71.7496, 75.4862, 82.2044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1007, 41.2212, 59.3744** is the 20% darker color. If you saturate the color by 10%, you get **61.6359, 66.6218, 104.2185**, and if you desaturate by 10%, it is **82.8215, 88.0798, 107.2437**.

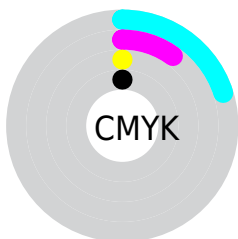
Distribution



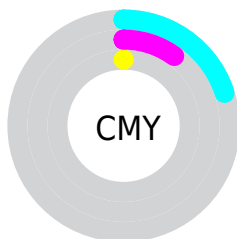
- Red (80%)
- Green (90%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- Blue (100%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5237, 76.7928, 105.6605 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 71.5237, 76.7928, 105.6605 by changing the saturation by 10% instead.

■ 71.5237, 76.7928,
105.6605

■ 71.5237, 76.7928,
105.6605

455.0655,
484.0573, 599.5933

■ 53.0538, 57.0828,
80.3931

120.3936,
128.8470, 171.0340

■ 38.0733, 41.0717,
59.5138

151.5242,
161.9599, 211.9771

■ 26.2171, 28.3752,
42.6041

187.6058,
200.3094, 258.9825

■ 17.1196, 18.6086,
29.2455

229.0037,
244.2797, 312.4688

■ 10.4157, 11.3878,
19.0195

276.0833,
294.2552, 372.8545

■ 5.7398, 6.3283,
11.5074

329.2099,

■ 2.7267, 3.0457,

350.6204, 440.5581

6.2908

388.7488,
413.7596, 515.9982

■ 1.0109, 1.1557,
2.9510

■ 0.0000, 0.0250,
1.0697

■ 71.5237, 76.7928,
105.6605

■ 71.5237, 76.7928,
105.6605

■ 61.6359, 66.6218,
104.2185

■ 82.8215, 88.0798,
107.2437

■ 53.0908, 57.5180,
102.9116

95.0500, 100.0000,
108.9000

■ 45.8249, 49.4422,
101.7358

■ 39.7663, 42.3486,
100.6859

■ 34.8355, 36.1871,
99.7565

■ 30.9420, 30.9016,
98.9415

■ 27.9795, 26.4273,
98.2341

■ 25.7841, 22.6696,
97.6245

■ 25.7063, 22.5327,
97.6021

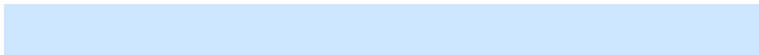
Harmonies

Analogous

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



68.2643, 76.7928, 100.1045



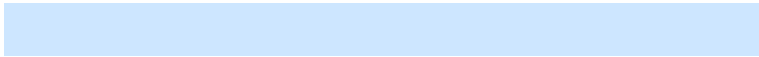
71.5237, 76.7928, 105.6605



75.2881, 76.7928, 104.9449

Triad

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



71.5237, 76.7928, 105.6605



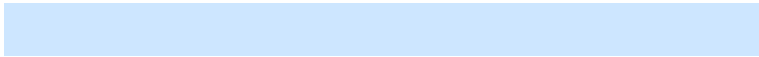
80.1000, 76.7928, 77.2663



67.7060, 76.7928, 70.5285

Complementary

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



71.5237, 76.7928, 105.6605



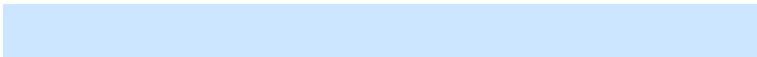
80.5561, 82.2605, 69.3915

Split Complementary

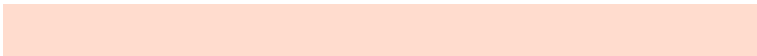
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7377, 76.7928, 65.3896



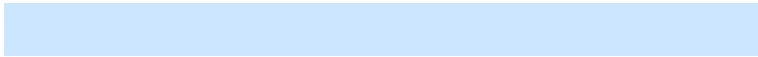
71.5237, 76.7928, 105.6605



77.9273, 76.7928, 69.0424

Square

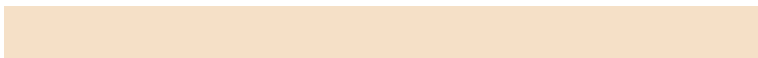
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5237, 76.7928, 105.6605



80.3282, 76.7928, 87.9115



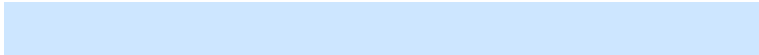
74.4747, 76.7928, 64.8701



66.1115, 76.7928, 79.4594

Rectangle

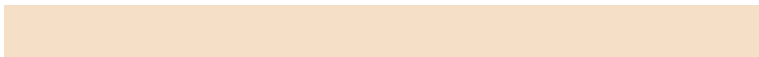
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



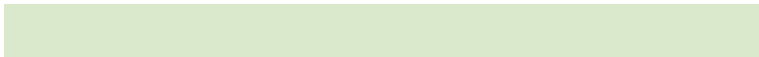
71.5237, 76.7928, 105.6605



77.5771, 76.7928, 101.0170



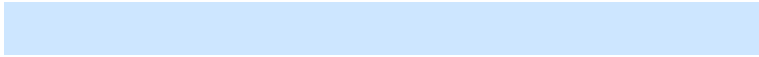
74.4747, 76.7928, 64.8701



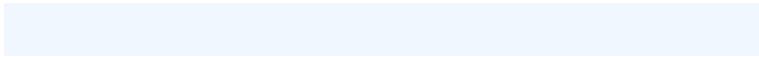
68.5859, 76.7928, 68.3347

Sweetspot

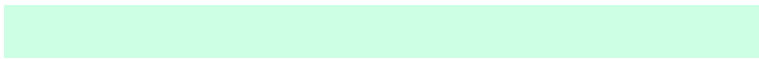
The Sweet Spot groups the original color and five complimentary colors.



71.5258, 76.7958, 105.6610



87.2516, 92.4292, 107.8497



75.1040, 90.1661, 87.6973



18.5007, 19.6127, 23.0605



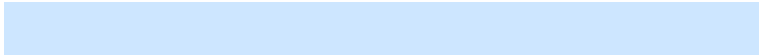
0.0000, 0.0000, 0.0000



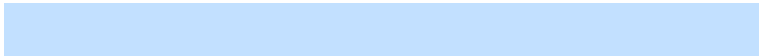
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5258, 76.7958, 105.6610



67.0112, 72.1917, 105.0103



65.2595, 64.2633, 103.5723



17.7535, 18.8786, 22.9582



13.5814, 12.0724, 51.0490



1.4316, 1.3939, 5.0069

Inverse Universe

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



77.3556, 70.6375, 84.4238



73.9967, 65.1584, 79.4855



87.7545, 96.6574, 71.7910



18.3882, 18.1386, 20.6616



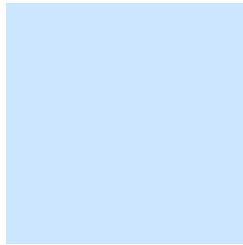
23.6435, 11.9467, 12.0389



2.3572, 1.1853, 1.4625

Previews

White Background



This preview shows how the XYZ color 71.5237, 76.7928, 105.6605 looks on a white background.

Color Contrast Check

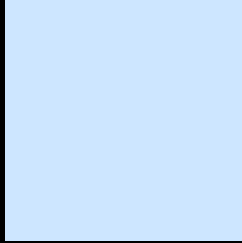
Large Text (above 18pt) WCAG AA × Fail

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 71.5237, 76.7928, 105.6605 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

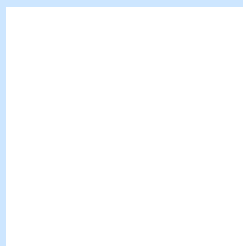
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5237, 76.7928, 105.6605

Background



This preview shows how black text looks on a background with the XYZ color 71.5237, 76.7928, 105.6605.



This preview shows how white text looks on a background with the XYZ color 71.5237, 76.7928,

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



Original Color

71.5237, 76.7928, 105.6605

Protanopia

74.9273, 76.5667, 102.9252

Deuteranopia

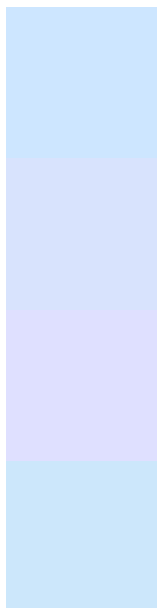
77.8381, 76.4253, 105.2568



Tritanopia

70.5766, 76.8288, 100.7322

Trichromacy



Original Color

71.5237, 76.7928, 105.6605

Protanomaly

73.5176, 76.6289, 103.8446

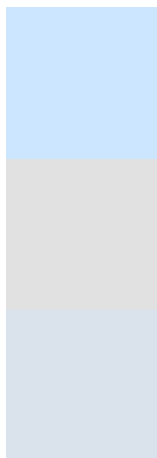
Deuteranomaly

75.1371, 76.2193, 105.3594

Tritanomaly

70.8903, 76.9542, 102.3841

Monochromacy



Original Color

71.5237, 76.7928, 105.6605

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5228, 75.8997, 90.2373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5237, 76.7928, 105.6605 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(205, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 230, 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(205, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.5237, 76.7928, 105.6605 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(205, 230, 255) }
```


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

```
.border{ border-color:rgb(205, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5237, 76.7928, 105.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 230, 255) }
```

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

```
.background{ background-color: rgb(205,  
230, 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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