

Converting Colors

XYZ(74.9132, 78.5778,
105.8264)

Have a look what the booklet for
XYZ(74.9132, 78.5778, 105.8264)
contains.

XYZ(74.9621, 78.5653, 105.8214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.9621, 78.5653,
105.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E6FF
RGB	217, 230, 255
RGB Percent	85%, 90%, 100%
CMY	0.1490, 0.0980, 0.0000
CMYK	0.15, 0.10, 0.00, 0.00
HSL	219°, 100%, 93%
HSV	219°, 15%, 100%
XYZ	74.9621, 78.5653, 105.8214
YIQ	228.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

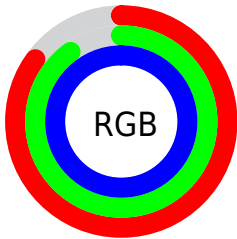
Format	Color
R _Y B	217, 227, 255
Decimal	14280447
CIE Lab	91.04, 0.59, -13.56
CIE LCh	91, 13.574, 272.502
Yxy	78.5653, 0.2890, 0.3029
Android (android.graphics.Color)	4292470527 (0xFFD9E6FF)
YUV	228.9630, 12.8362, -10.4916
Hunter-Lab	88.6371, -4.1539, -8.7388

Details

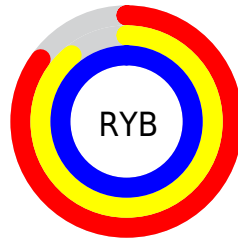
The XYZ color **74.9621, 78.5653, 105.8214** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5162, 89.7728, 78.4681**, and the grayscale version is **74.3677, 78.2406, 85.2040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4233, 42.4185, 59.4831** is the 20% darker color. If you saturate the color by 10%, you get **63.5148, 66.0663, 104.0122**, and if you desaturate by 10%, it is **88.0340, 92.5728, 107.8362**.

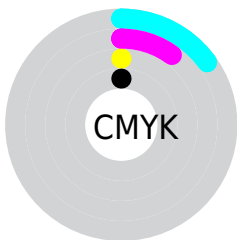
Distribution



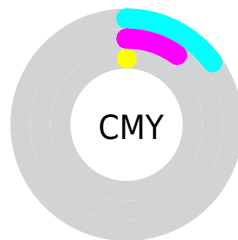
- Red (85%)
- Green (90%)
- Blue (100%)



- Red (85%)
- Yellow (89%)
- Blue (100%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9621, 78.5653, 105.8214 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 74.9621, 78.5653, 105.8214 by changing the saturation by 10% instead.

■ 74.9621, 78.5653,
105.8214

■ 74.9621, 78.5653,
105.8214

466.7865,
490.0845, 600.1051

■ 55.8759, 58.5385,
80.5272

125.2469,
131.3467, 171.2558

■ 40.3400, 42.2417,
59.6235

157.1762,
164.8701, 212.2330

■ 27.9892, 29.2906,
42.6920

194.1173,
203.6611, 259.2750

■ 18.4579, 19.3008,
29.3139

236.4355,
248.1041, 312.8003

■ 11.3809, 11.8878,
19.0708

284.4962,
298.5836, 373.2274

■ 6.3928, 6.6673,
11.5441

338.6646,

■ 3.1283, 3.2549,

355.4839, 440.9748

6.3153

399.3063,
419.1894, 516.4612

■ 1.2220, 1.2662,
2.9659

■ 0.1236, 0.1148,
1.0772

■ 74.9621, 78.5653,
105.8214

■ 74.9621, 78.5653,
105.8214

■ 63.5148, 66.0663,
104.0122

■ 88.0340, 92.5728,
107.8362

■ 53.6195, 55.0134,
102.4003

95.0500, 100.0000,
108.9000

■ 45.2073, 45.3536,
100.9792

■ 38.2015, 37.0268,
99.7412

■ 32.5178, 29.9679,
98.6783

■ 28.0623, 24.1055,
97.7815

■ 24.7270, 19.3597,
97.0413

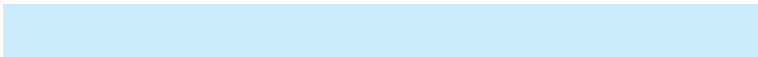
■ 22.3817, 15.6370,
96.4463

■ 21.4791, 14.0783,
96.1930

Harmonies

Analogous

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



71.6721, 78.5653, 103.4036



74.9621, 78.5653, 105.8214



78.2717, 78.5653, 102.4712

Triad

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



74.9621, 78.5653, 105.8214



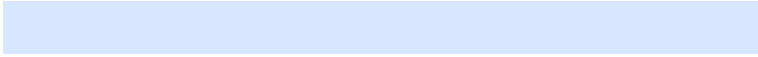
80.3715, 78.5653, 75.7973



68.9790, 78.5653, 77.1218

Complementary

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



74.9621, 78.5653, 105.8214



85.5162, 89.7728, 78.4681

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.



71.1882, 78.5653, 70.5923



74.9621, 78.5653, 105.8214



77.7585, 78.5653, 69.8697

Square

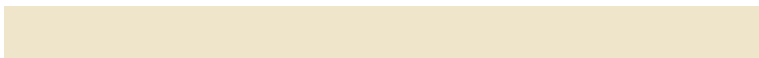
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9621, 78.5653, 105.8214



81.4539, 78.5653, 84.7227



74.3866, 78.5653, 68.0384



68.2811, 78.5653, 86.3711

Rectangle

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



74.9621, 78.5653, 105.8214



80.0260, 78.5653, 97.5564



74.3866, 78.5653, 68.0384



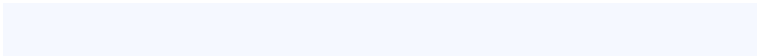
69.5661, 78.5653, 74.5610

Sweetspot

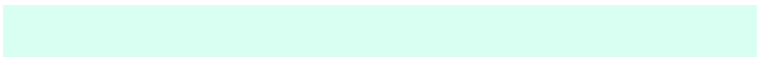
The Sweet Spot groups the original color and five complimentary colors.



74.9642, 78.5685, 105.8219



89.2932, 93.9100, 108.0279



80.3582, 92.6650, 97.4199



18.8872, 19.8614, 23.0881



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.



74.9642, 78.5685, 105.8219



71.2457, 74.5357, 105.2395



73.2033, 72.4878, 104.7411



17.5111, 18.3938, 22.8774



11.3474, 7.6043, 50.3043



1.2017, 0.9341, 4.9302

Inverse Universe

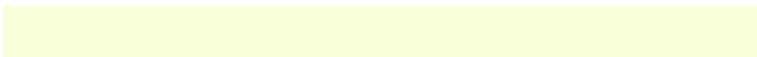
The Inverse Universe completely reimagines the original color for something new.



80.3371, 76.6005, 85.4177



77.6292, 72.3357, 80.9665



87.4588, 96.7249, 79.7076



18.2659, 18.0897, 20.0173



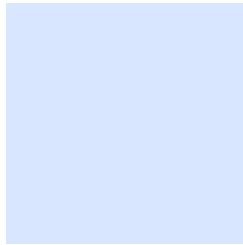
22.5158, 11.4956, 6.1008



2.2412, 1.1388, 0.8514

Previews

White Background



This preview shows how the XYZ color 74.9621, 78.5653, 105.8214 looks on a white background.

Color Contrast Check

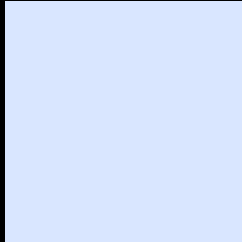
Large Text (above 18pt) WCAG AA × Fail

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 74.9621, 78.5653, 105.8214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

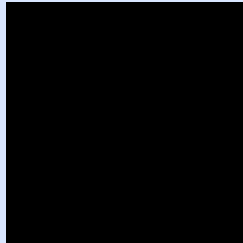
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

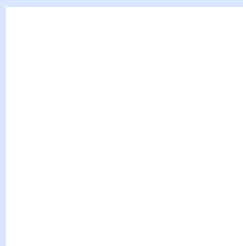
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9621, 78.5653, 105.8214

Background



This preview shows how black text looks on a background with the XYZ color 74.9621, 78.5653, 105.8214.



This preview shows how white text looks on a background with the XYZ color 74.9621, 78.5653,

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

74.9621, 78.5653, 105.8214

Protanopia

76.5627, 78.1988, 103.9871

Deuteranopia

79.6976, 78.1725, 105.4960



Tritanopia

73.9937, 78.5903, 100.8921

Trichromacy



Original Color

74.9621, 78.5653, 105.8214

Protanomaly

76.0642, 78.3305, 104.8762

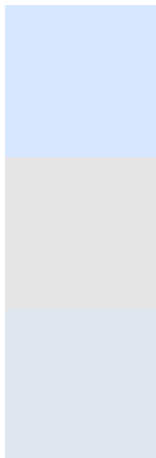
Deuteranomaly

77.8795, 78.4357, 105.6427

Tritanomaly

74.3074, 78.7158, 102.5440

Monochromacy



Original Color

74.9621, 78.5653, 105.8214

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5033, 78.2192, 92.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9621, 78.5653, 105.8214 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(217, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9621, 78.5653, 105.8214 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(217, 230, 255) }
```


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

```
.border{ border-color:rgb(217, 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(217, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9621, 78.5653, 105.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 230, 255) }
```

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

```
.background{ background-color: rgb(217,  
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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