

Converting Colors

XYZ(75.9586, 79.4692,
110.4752)

Have a look what the booklet for
XYZ(75.9586, 79.4692, 110.4752)
contains.

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Color

**XYZ(74.9448, 78.9708,
105.9006)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E7FF
RGB	216, 231, 255
RGB Percent	85%, 91%, 100%
CMY	0.1529, 0.0941, 0.0000
CMYK	0.15, 0.09, 0.00, 0.00
HSL	217°, 100%, 92%
HSV	217°, 15%, 100%
XYZ	74.9448, 78.9708, 105.9006
YIQ	229.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

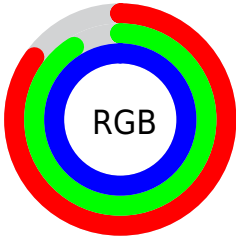
Format	Color
R _Y B	216, 227, 255
Decimal	14215167
CIE Lab	91.22, -0.24, -13.29
CIE LCh	91, 13.295, 268.986
Yxy	78.9708, 0.2885, 0.3039
Android (android.graphics.Color)	4292405247 (0xFFD8E7FF)
YUV	229.2510, 12.6943, -11.6211
Hunter-Lab	88.8655, -4.9765, -8.4497

Details

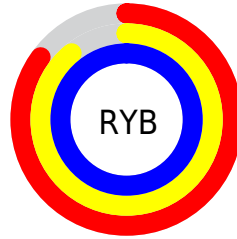
The XYZ color **74.9448, 78.9708, 105.9006** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7942, 88.5365, 77.5874**, and the grayscale version is **74.5810, 78.4650, 85.4484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4163, 42.7050, 59.5388** is the 20% darker color. If you saturate the color by 10%, you get **63.7917, 66.9935, 104.1766**, and if you desaturate by 10%, it is **87.6649, 92.3444, 107.8116**.

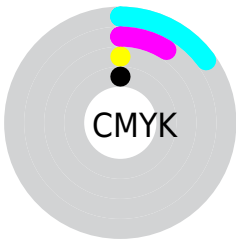
Distribution



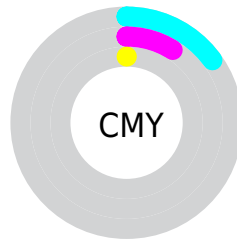
- Red (85%)
- Green (91%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9448, 78.9708, 105.9006 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 74.9448, 78.9708, 105.9006 by changing the saturation by 10% instead.

■ 74.9448, 78.9708,
105.9006

■ 74.9448, 78.9708,
105.9006

466.7279,
491.4576, 600.3569

■ 55.8617, 58.8718,
80.5932

125.2225,
131.9178, 171.3649

■ 40.3286, 42.5099,
59.6776

157.1479,
165.5345, 212.3590

■ 27.9802, 29.5008,
42.7352

194.0847,
204.4259, 259.4189

■ 18.4511, 19.4600,
29.3476

236.3983,
248.9765, 312.9634

■ 11.3760, 12.0031,
19.0961

284.4541,
299.5705, 373.4109

■ 6.3895, 6.7458,
11.5622

338.6174,

■ 3.1262, 3.3036,

356.5925, 441.1799

6.3274

399.2535,
420.4267, 516.6891

■ 1.2209, 1.2922,
2.9732

■ 0.1227, 0.1352,
1.0810

■ 74.9448, 78.9708,
105.9006

■ 74.9448, 78.9708,
105.9006

■ 63.7917, 66.9935,
104.1766

■ 87.6649, 92.3444,
107.8116

■ 54.1351, 56.3548,
102.6321

95.0500, 100.0000,
108.9000

■ 45.9086, 47.0065,
101.2613

■ 39.0377, 38.8936,
100.0574

■ 33.4409, 31.9566,
99.0135

■ 29.0266, 26.1300,
98.1215

■ 25.6899, 21.3402,
97.3728

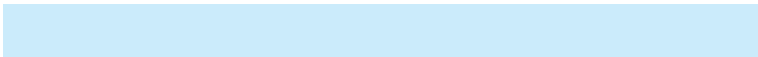
■ 23.3029, 17.5006,
96.7575

■ 22.4272, 15.9743,
96.5091

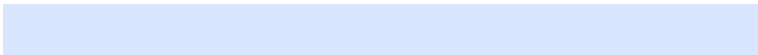
Harmonies

Analogous

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



71.7709, 78.9708, 102.8857



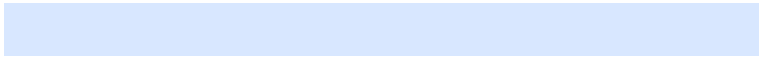
74.9448, 78.9708, 105.9006



78.2425, 78.9708, 103.2562

Triad

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



74.9448, 78.9708, 105.9006



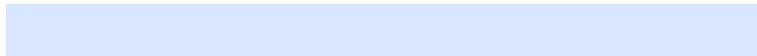
80.8695, 78.9708, 77.3053



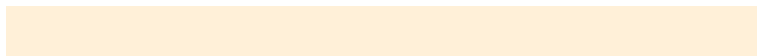
69.6434, 78.9708, 76.7768

Complementary

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



74.9448, 78.9708, 105.9006



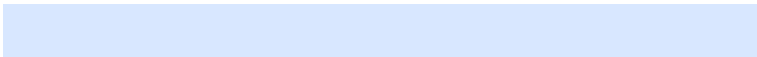
84.7942, 88.5365, 77.5874

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.



71.9638, 78.9708, 70.7572



74.9448, 78.9708, 105.9006



78.4468, 78.9708, 71.0459

Square

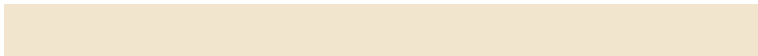
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9448, 78.9708, 105.9006



81.7242, 78.9708, 86.3145



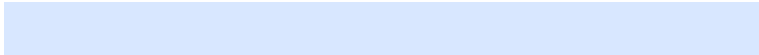
75.1741, 78.9708, 68.7386



68.7671, 78.9708, 85.6579

Rectangle

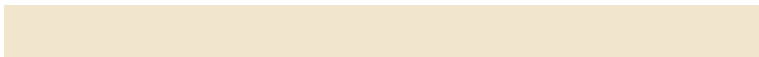
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9448, 78.9708, 105.9006



80.0541, 78.9708, 98.7440



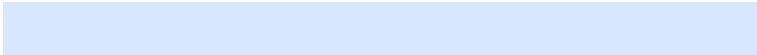
75.1741, 78.9708, 68.7386



70.2769, 78.9708, 74.3767

Sweetspot

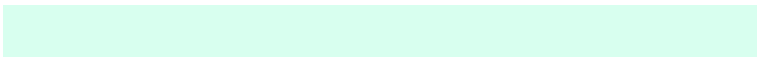
The Sweet Spot groups the original color and five complimentary colors.



74.9469, 78.9740, 105.9011



88.0620, 92.7579, 107.8704



79.7189, 92.3750, 95.6008



18.6457, 19.6424, 23.0586



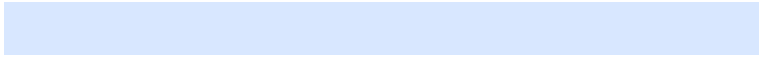
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.9469, 78.9740, 105.9011



71.7758, 75.5959, 105.4162



72.0920, 71.5333, 104.6154



17.5759, 18.5234, 22.8990



11.8521, 8.6137, 50.4725



1.2559, 1.0425, 4.9483

Inverse Universe

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



80.2210, 76.1427, 86.0740



77.8968, 72.4427, 82.3754



87.9747, 97.0058, 79.0545



18.2986, 18.1027, 20.1895



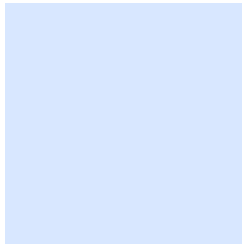
22.7706, 11.5975, 7.4423



2.2685, 1.1498, 0.9954

Previews

White Background



This preview shows how the XYZ color 74.9448, 78.9708, 105.9006 looks on a white background.

Color Contrast Check

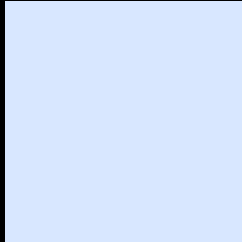
Large Text (above 18pt) WCAG AA × Fail

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 74.9448, 78.9708, 105.9006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

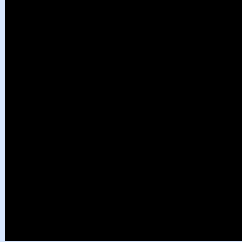
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

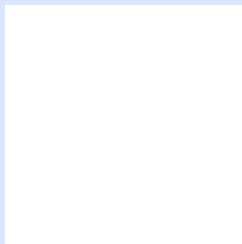
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9448, 78.9708, 105.9006

Background



This preview shows how black text looks on a background with the XYZ color 74.9448, 78.9708, 105.9006.

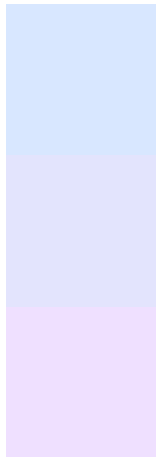


This preview shows how white text looks on a background with the XYZ color 74.9448, 78.9708,

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

74.9448, 78.9708, 105.9006

Protanopia

77.1516, 78.9095, 104.0932

Deuteranopia

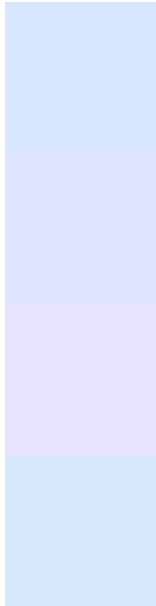
80.3023, 78.8820, 105.6011



Tritanopia

74.1363, 79.0624, 101.7957

Trichromacy



Original Color

74.9448, 78.9708, 105.9006

Protanomaly

76.3401, 78.8824, 104.9682

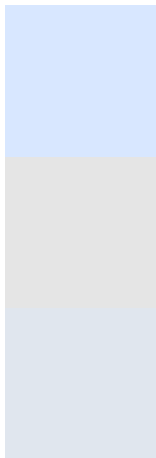
Deuteranomaly

78.4741, 79.1471, 105.7486

Tritanomaly

74.4516, 79.1886, 103.4564

Monochromacy



Original Color

74.9448, 78.9708, 105.9006

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4699, 78.6140, 92.1379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9448, 78.9708, 105.9006 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(216, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 231, 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(216, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9448, 78.9708, 105.9006 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(216, 231, 255) }
```


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

```
.border{ border-color:rgb(216, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9448, 78.9708, 105.9006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 231, 255) }
```

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

```
.background{ background-color: rgb(216,  
231, 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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