

Converting Colors

XYZ(71.4283, 75.5282, 98.0975)

Have a look what the booklet for
XYZ(71.4283, 75.5282, 98.0975)
contains.

XYZ(71.5442, 75.7381, 98.0369)	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(71.5442, 75.7381,
98.0369)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E3F6
RGB	213, 227, 246
RGB Percent	84%, 89%, 96%
CMY	0.1647, 0.1098, 0.0353
CMYK	0.13, 0.08, 0.00, 0.04
HSL	215°, 65%, 90%
HSV	215°, 13%, 96%
XYZ	71.5442, 75.7381, 98.0369
YIQ	224.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

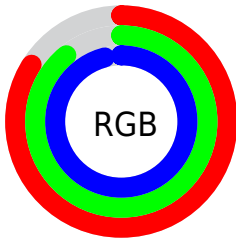
Format	Color
R _{YB}	213, 223, 246
Decimal	14017526
CIE Lab	89.74, -0.94, -10.82
CIE LCh	90, 10.860, 265.056
Yxy	75.7381, 0.2916, 0.3087
Android (android.graphics.Color)	4292207606 (0xFFD5E3F6)
YUV	224.9800, 10.3629, -10.5065
Hunter-Lab	87.0276, -5.5560, -5.8710

Details

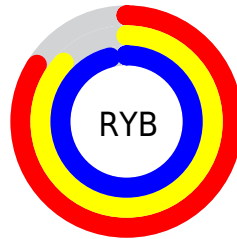
The XYZ color **71.5442, 75.7381, 98.0369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.8734, 82.1099, 74.6440**, and the grayscale version is **71.4908, 75.2139, 81.9080**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1473, 40.4919, 54.5203** is the 20% darker color. If you saturate the color by 10%, you get **61.2279, 64.9062, 96.4911**, and if you desaturate by 10%, it is **83.2659, 87.7715, 99.7430**.

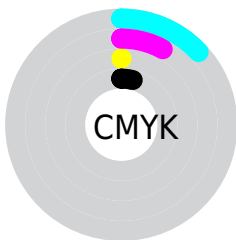
Distribution



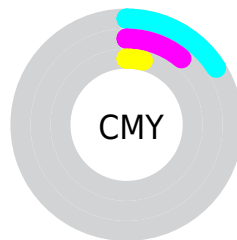
- Red (84%)
- Green (89%)
- Blue (96%)



- Red (84%)
- Yellow (87%)
- Blue (96%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5442, 75.7381, 98.0369 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 71.5442, 75.7381, 98.0369 by changing the saturation by 10% instead.

■ 71.5442, 75.7381,
98.0369

■ 71.5442, 75.7381,
98.0369

455.1359,
480.4507, 575.0731

■ 53.0706, 56.2178,
74.0544

120.4226,
127.3566, 160.4851

■ 38.0868, 40.3776,
54.3415

151.5581,
160.2236, 199.7878

■ 26.2276, 27.8330,
38.4797

187.6448,
198.3083, 245.0343

■ 17.1275, 18.1998,
26.0505

229.0483,
241.9951, 296.6432

■ 10.4213, 11.0936,
16.6353

276.1337,
291.6683, 355.0330

■ 5.7436, 6.1298,
9.8156

329.2666,

■ 2.7290, 2.9242,

347.7124, 420.6222

5.1729

388.8122,
410.5117, 493.8294

■ 1.0121, 1.0923,
2.2885

■ 0.0000, 0.0000,
0.7248

■ 71.5442, 75.7381,
98.0369

■ 71.5442, 75.7381,
98.0369

■ 61.2279, 64.9062,
96.4911

■ 83.2659, 87.7715,
99.7430

■ 52.2541, 55.2260,
95.0956

■ 93.6348, 99.4339,
101.4476

■ 44.5648, 46.6579,
93.8470

■ 38.0949, 39.1560,
92.7400

■ 32.7730, 32.6709,
91.7688

■ 28.5198, 27.1482,
90.9269

■ 25.2441, 22.5269,
90.2076

■ 22.8369, 18.7358,
89.6027

■ 21.6241, 16.6325,
89.2607

Harmonies

Analogous

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



69.0794, 75.7381, 95.1456



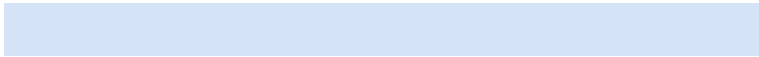
71.5442, 75.7381, 98.0369



74.1881, 75.7381, 96.5497

Triad

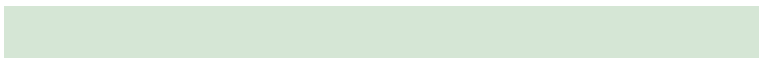
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5442, 75.7381, 98.0369



76.7497, 75.7381, 76.3808



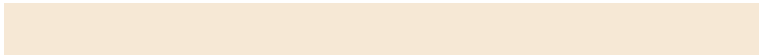
67.8506, 75.7381, 74.3095

Complementary

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



71.5442, 75.7381, 98.0369



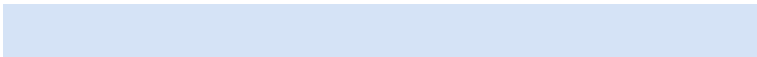
78.8734, 82.1099, 74.6440

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.



69.8295, 75.7381, 69.8230



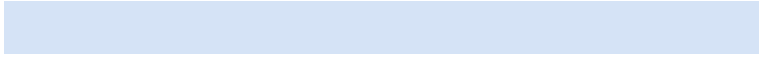
71.5442, 75.7381, 98.0369



74.9746, 75.7381, 70.9659

Square

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



71.5442, 75.7381, 98.0369



77.2361, 75.7381, 83.7426



72.4312, 75.7381, 68.6377



66.9809, 75.7381, 81.2023

Rectangle

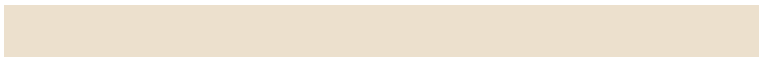
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5442, 75.7381, 98.0369



75.6907, 75.7381, 93.3208



72.4312, 75.7381, 68.6377



68.4057, 75.7381, 72.4872

Sweetspot

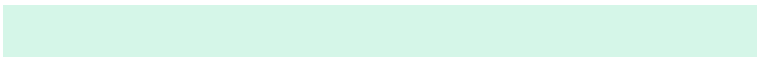
The Sweet Spot groups the original color and five complimentary colors.



71.5464, 75.7413, 98.0386



89.5518, 94.4272, 108.1141



74.9206, 85.8682, 88.7475



18.9525, 19.9921, 23.1099



0.0000, 0.0000, 0.0000



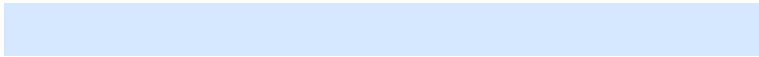
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5464, 75.7413, 98.0386



74.5596, 78.9856, 105.9238



68.5134, 68.7213, 96.8435



16.1592, 17.0827, 20.9882



11.6741, 9.1420, 47.6873



1.1256, 1.0026, 4.2244

Inverse Universe

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



75.6672, 72.7291, 82.7266



79.8336, 75.2530, 86.2992



82.2061, 89.9143, 75.9748



16.7909, 16.5992, 18.6456



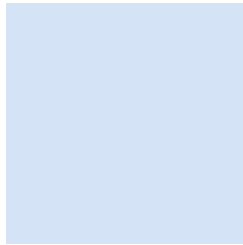
21.6971, 11.0223, 8.3791



1.9572, 0.9888, 1.0010

Previews

White Background



This preview shows how the XYZ color 71.5442, 75.7381, 98.0369 looks on a white background.

Color Contrast Check

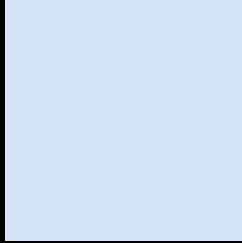
Large Text (above 18pt) WCAG AA × Fail

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 71.5442, 75.7381, 98.0369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

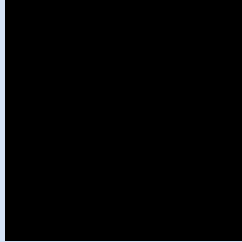
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

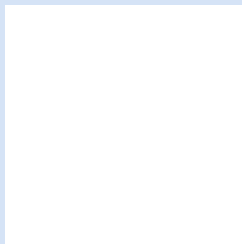
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5442, 75.7381, 98.0369

Background



This preview shows how black text looks on a background with the XYZ color 71.5442, 75.7381, 98.0369.



This preview shows how white text looks on a background with the XYZ color 71.5442, 75.7381,

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

71.5442, 75.7381, 98.0369

Protanopia

73.7253, 75.6903, 96.3119

Deuteranopia

77.1998, 75.4449, 99.3004



Tritanopia

71.3911, 75.6769, 97.2306

Trichromacy



Original Color

71.5442, 75.7381, 98.0369

Protanomaly

72.9218, 75.6586, 97.1464

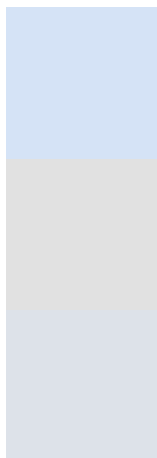
Deuteranomaly

74.9047, 75.4519, 98.6115

Tritanomaly

71.3911, 75.6769, 97.2306

Monochromacy



Original Color

71.5442, 75.7381, 98.0369

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.7231, 75.6481, 87.9121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5442, 75.7381, 98.0369 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, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 246)  
}
```

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, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 246) }
```

Border

The CSS property to change the border of an element to XYZ 71.5442, 75.7381, 98.0369 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, 227, 246) }
```


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

```
.border{ border-color:rgb(213, 227, 246) }
```

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

Here you see how a box with a 4 pixel rgb(213, 227, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 227,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5442, 75.7381, 98.0369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 246) }
```

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

```
.background{ background-color: rgb(213,  
227, 246) }
```

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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