

Converting Colors

XYZ(71.8693, 75.5469, 94.5264)

Have a look what the booklet for
XYZ(71.8693, 75.5469, 94.5264)
contains.

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Color

**XYZ(71.8386, 75.5552,
94.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E2F2
RGB	217, 226, 242
RGB Percent	85%, 89%, 95%
CMY	0.1490, 0.1137, 0.0510
CMYK	0.10, 0.07, 0.00, 0.05
HSL	218°, 49%, 90%
HSV	218°, 10%, 95%
XYZ	71.8386, 75.5552, 94.8017
YIQ	225.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

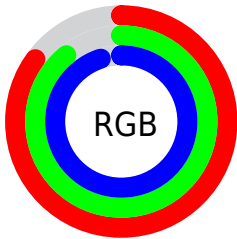
Format	Color
R_{YB}	217, 224, 242
Decimal	14279410
CIE Lab	89.65, 0.05, -8.82
CIE LCh	90, 8.818, 270.352
Yxy	75.5552, 0.2966, 0.3120
Android (android.graphics.Color)	4292469490 (0xFFD9E2F2)
YUV	225.1330, 8.3154, -7.1326
Hunter-Lab	86.9225, -4.5899, -3.8187

Details

The XYZ color **71.8386, 75.5552, 94.8017** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.2816, 82.1643, 77.3804**, and the grayscale version is **71.6130, 75.3424, 82.0479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3261, 40.3524, 52.2232** is the 20% darker color. If you saturate the color by 10%, you get **61.1443, 64.0728, 93.1502**, and if you desaturate by 10%, it is **83.9724, 88.3483, 96.6327**.

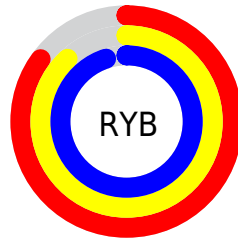
Distribution



Red (85%)

Green (89%)

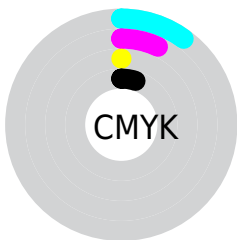
Blue (95%)



Red (85%)

Yellow (88%)

Blue (95%)

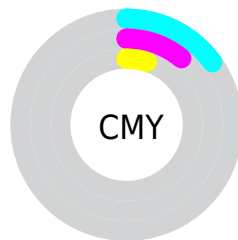


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8386, 75.5552, 94.8017 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 71.8386, 75.5552, 94.8017 by changing the saturation by 10% instead.

■ 71.8386, 75.5552,
94.8017

■ 71.8386, 75.5552,
94.8017

456.1460,
479.8237, 564.4981

■ 53.3118, 56.0678,
71.3740

120.8391,
127.0980, 155.9838

■ 38.2802, 40.2573,
52.1637

152.0435,
159.9222, 194.5753

■ 26.3785, 27.7392,
36.7525

188.2045,
197.9608, 239.0585

■ 17.2411, 18.1292,
24.7216

229.6875,
241.5982, 289.8518

■ 10.5029, 11.0428,
15.6526

276.8578,
291.2188, 347.3739

■ 5.7985, 6.0956,
9.1270

330.0807,

■ 2.7624, 2.9033,

347.2070, 412.0433

4.7262

389.7217,
409.9471, 484.2785

■ 1.0294, 1.0815,
2.0316

■ 0.0000, 0.0000,
0.5746

■ 71.8386, 75.5552,
94.8017

■ 71.8386, 75.5552,
94.8017

■ 61.1443, 64.0728,
93.1502

■ 83.9724, 88.3483,
96.6327

■ 51.8271, 53.8479,
91.6677

■ 93.0272, 99.1909,
98.2483

■ 43.8297, 44.8376,
90.3500

■ 37.0881, 36.9927,
89.1911

■ 31.5324, 30.2601,
88.1844

■ 27.0855, 24.5822,
87.3228

■ 23.6601, 19.8949,
86.5987

■ 21.1536, 16.1253,
86.0031

■ 19.4478, 13.2520,
85.5384

Harmonies

Analogous

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



69.7690, 75.5552, 93.0931



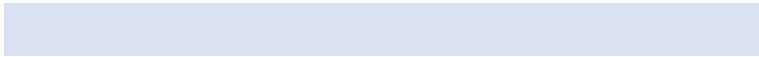
71.8386, 75.5552, 94.8017



73.9417, 75.5552, 93.0134

Triad

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



71.8386, 75.5552, 94.8017



75.4734, 75.5552, 76.3760



68.2481, 75.5552, 76.4971

Complementary

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



71.8386, 75.5552, 94.8017



78.2816, 82.1643, 77.3804

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.



69.7255, 75.5552, 72.3816



71.8386, 75.5552, 94.8017



73.8964, 75.5552, 72.3141

Square

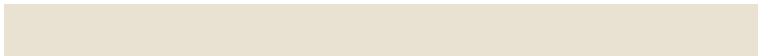
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8386, 75.5552, 94.8017



76.0659, 75.5552, 82.1933



71.7873, 75.5552, 70.8885



67.7216, 75.5552, 82.3402

Rectangle

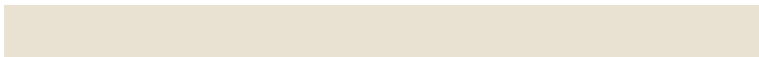
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8386, 75.5552, 94.8017



75.0732, 75.5552, 90.1279



71.7873, 75.5552, 70.8885



68.6485, 75.5552, 74.8765

Sweetspot

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



71.8408, 75.5584, 94.8034



90.7496, 95.4943, 108.2570



75.0528, 84.1309, 89.2504



19.1836, 20.1869, 23.1353



0.0000, 0.0000, 0.0000



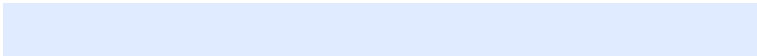
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8408, 75.5584, 94.8034



78.7433, 82.7887, 106.4373



70.4574, 71.3056, 94.0554



15.3632, 16.1605, 20.0312



10.5651, 7.3544, 45.9906



0.9700, 0.7940, 3.8564

Inverse Universe

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



75.1600, 73.9955, 82.2763



83.0595, 80.8090, 90.1358



79.7619, 86.8080, 78.1987



16.0080, 15.8529, 17.5984



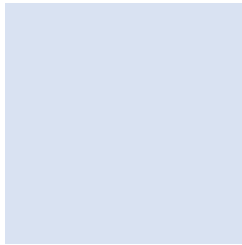
20.6584, 10.5358, 6.1176



1.7646, 0.8949, 0.7511

Previews

White Background



This preview shows how the XYZ color 71.8386, 75.5552, 94.8017 looks on a white background.

Color Contrast Check

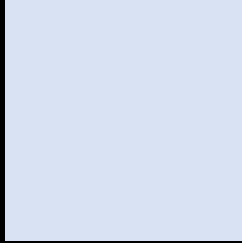
Large Text (above 18pt) WCAG AA × Fail

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 71.8386, 75.5552, 94.8017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

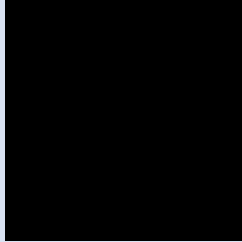
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

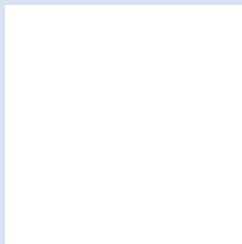
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8386, 75.5552, 94.8017

Background



This preview shows how black text looks on a background with the XYZ color 71.8386, 75.5552, 94.8017.



This preview shows how white text looks on a background with the XYZ color 71.8386, 75.5552,

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

71.8386, 75.5552, 94.8017

Protanopia

73.5842, 75.6697, 93.9465

Deuteranopia

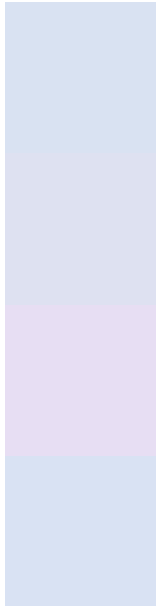
77.1058, 75.4848, 95.3001



Tritanopia

72.1408, 75.6761, 96.3927

Trichromacy



Original Color

71.8386, 75.5552, 94.8017

Protanomaly

72.9266, 75.7309, 93.9930

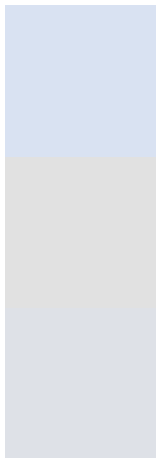
Deuteranomaly

75.2539, 75.7025, 95.4398

Tritanomaly

71.9893, 75.6155, 95.5950

Monochromacy



Original Color

71.8386, 75.5552, 94.8017

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4732, 75.1495, 86.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8386, 75.5552, 94.8017 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, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 226, 242)  
}
```

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, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 226, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.8386, 75.5552, 94.8017 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, 226, 242) }
```


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

```
.border{ border-color:rgb(217, 226, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 226, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 226,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8386, 75.5552, 94.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 226, 242) }
```

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

```
.background{ background-color: rgb(217,  
226, 242) }
```

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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