

Converting Colors

XYZ(66.7783, 71.4479, 93.9630)

Have a look what the booklet for
XYZ(66.7783, 71.4479, 93.9630)
contains.

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Color

**XYZ(66.7769, 71.3499,
94.2568)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CBDEF2 |
| RGB | 203, 222, 242 |
| RGB Percent | 80%, 87%, 95% |
| CMY | 0.2039, 0.1294, 0.0510 |
| CMYK | 0.16, 0.08, 0.00, 0.05 |
| HSL | 211°, 60%, 87% |
| HSV | 211°, 16%, 95% |
| XYZ | 66.7769, 71.3499, 94.2568 |
| YIQ | 218.5990, -17.7440, 2.1920 |

Conversions

Conversions Part 2

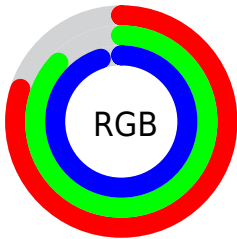
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 203, 216, 242 |
| Decimal | 13360882 |
| CIE Lab | 87.65, -2.29, -11.90 |
| CIE LCh | 88, 12.115, 259.087 |
| Yxy | 71.3499, 0.2874, 0.3070 |
| Android (android.graphics.Color) | 4291550962 (0xFFCBDEF2) |
| YUV | 218.5990, 11.5367, -13.6803 |
| Hunter-Lab | 84.4689, -6.7073, -7.0321 |

Details

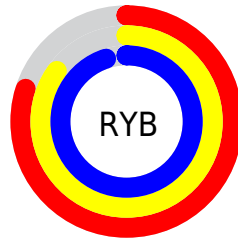
The XYZ color **66.7769, 71.3499, 94.2568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7856, 75.9642, 67.2750**, and the grayscale version is **66.9875, 70.4760, 76.7484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0761, 37.5722, 51.8578** is the 20% darker color. If you saturate the color by 10%, you get **57.5190, 61.8651, 92.9151**, and if you desaturate by 10%, it is **77.3103, 81.8560, 95.7307**.

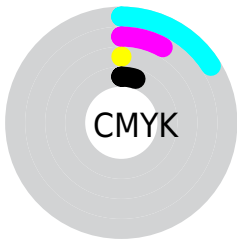
Distribution



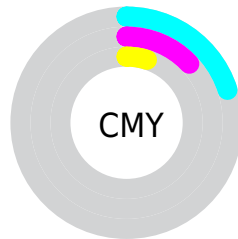
- Red (80%)
- Green (87%)
- Blue (95%)



- Red (80%)
- Yellow (85%)
- Blue (95%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7769, 71.3499, 94.2568 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 66.7769, 71.3499, 94.2568 by changing the saturation by 10% instead.

■ 66.7769, 71.3499,
94.2568

■ 66.7769, 71.3499,
94.2568

438.5952,
465.2757, 562.7064

■ 49.1734, 52.6278,
70.9231

113.6522,
121.1318, 155.2242

■ 34.9721, 37.5057,
51.7980

143.6548,
152.9604, 193.6949

■ 23.8078, 25.5993,
36.4630

178.5210,
189.9266, 238.0484

■ 15.3151, 16.5241,
24.4994

218.6163,
232.4148, 288.7033

■ 9.1286, 9.8958,
15.4889

264.3060,
280.8094, 346.0779

■ 4.8829, 5.3299,
9.0128

315.9555,

■ 2.2128, 2.4421,

335.4949, 410.5910

4.6526

373.9301,
396.8555, 482.6610

■ 0.7495, 0.8474,
1.9898

■ 0.0000, 0.0000,
0.5490

■ 66.7769, 71.3499,
94.2568

■ 66.7769, 71.3499,
94.2568

■ 57.5190, 61.8651,
92.9151

■ 77.3103, 81.8560,
95.7307

■ 49.4775, 53.3580,
91.6969

■ 89.1624, 93.4076,
97.3357

■ 42.5977, 45.7942,
90.5996

■ 93.0272, 99.1909,
98.2483

■ 36.8183, 39.1338,
89.6186

■ 32.0713, 33.3333,
88.7492

■ 28.2807, 28.3446,
87.9861

■ 25.3581, 24.1127,
87.3233

■ 23.1952, 20.5722,
86.7539

■ 22.4958, 19.3481,
86.5544

Harmonies

Analogous

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



64.2668, 71.3499, 90.2494



66.7769, 71.3499, 94.2568



69.6359, 71.3499, 93.5953

Triad

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



66.7769, 71.3499, 94.2568



73.1640, 71.3499, 72.6352



63.7319, 71.3499, 67.7935

Complementary

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



66.7769, 71.3499, 94.2568



73.7856, 75.9642, 67.2750

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.



66.0279, 71.3499, 63.6935



66.7769, 71.3499, 94.2568



71.4934, 71.3499, 66.3497

Square

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



66.7769, 71.3499, 94.2568



73.3783, 71.3499, 80.7175



68.8657, 71.3499, 63.1842



62.5421, 71.3499, 74.7351

Rectangle

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



66.7769, 71.3499, 94.2568



71.3539, 71.3499, 90.6076



68.8657, 71.3499, 63.1842



64.3969, 71.3499, 66.0588

Sweetspot

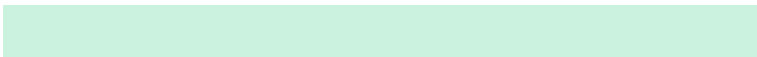
The Sweet Spot groups the original color and five complimentary colors.



66.7790, 71.3528, 94.2584



88.4636, 93.5611, 108.0043



69.6340, 81.5029, 81.5220



18.7432, 19.8374, 23.0911



0.0000, 0.0000, 0.0000



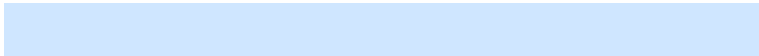
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7790, 71.3528, 94.2584



71.9972, 77.1020, 105.6953



62.0130, 61.8207, 92.6697



15.5331, 16.5002, 20.0878



12.2206, 10.6655, 46.5424



1.1159, 1.0858, 3.9050

Inverse Universe

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



71.1604, 66.8647, 78.2662



77.7490, 71.3899, 84.6607



79.1508, 86.6945, 69.0634



16.0938, 15.8872, 18.0499



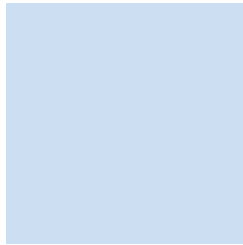
21.4940, 10.8700, 10.5180



1.8382, 0.9243, 1.1389

Previews

White Background



This preview shows how the XYZ color 66.7769, 71.3499, 94.2568 looks on a white background.

Color Contrast Check

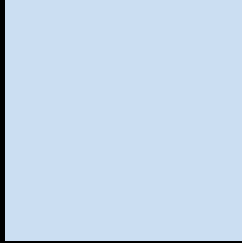
Large Text (above 18pt) WCAG AA × Fail

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 66.7769, 71.3499, 94.2568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

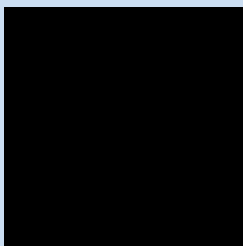
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

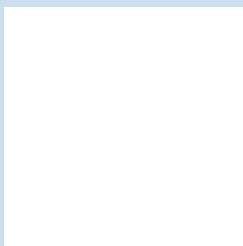
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7769, 71.3499, 94.2568

Background



This preview shows how black text looks on a background with the XYZ color 66.7769, 71.3499, 94.2568.



This preview shows how white text looks on a background with the XYZ color 66.7769, 71.3499,

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

66.7769, 71.3499, 94.2568

Protanopia

69.2667, 71.1265, 91.7394

Deuteranopia

73.0088, 71.4478, 95.5308



Tritanopia

66.4781, 71.2303, 92.6831

Trichromacy



Original Color

66.7769, 71.3499, 94.2568

Protanomaly

68.2111, 70.9514, 92.5379

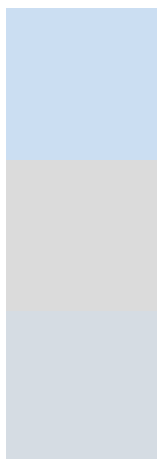
Deuteranomaly

70.5057, 71.3124, 94.8426

Tritanomaly

66.6271, 71.2899, 93.4678

Monochromacy



Original Color

66.7769, 71.3499, 94.2568

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8989, 70.8786, 82.8280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7769, 71.3499, 94.2568 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(203, 222, 242)` looks like.

```
.text, #text, p{  
    color:rgb(203, 222, 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(203, 222, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 222, 242) }
```

Border

The CSS property to change the border of an element to XYZ 66.7769, 71.3499, 94.2568 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(203, 222, 242) }
```


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

```
.border{ border-color:rgb(203, 222, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 222, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 222, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 222, 242); box-shadow:4px 4px 4px 4px rgb(203, 222, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7769, 71.3499, 94.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 222, 242) }
```

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

```
.background{ background-color: rgb(203,  
222, 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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