

Converting Colors

XYZ(69.4887, 69.9817, 95.4902)

Have a look what the booklet for
XYZ(69.4887, 69.9817, 95.4902)
contains.

XYZ(69.5430, 70.0380, 95.4413)	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(69.5430, 70.0380,
95.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD7F4
RGB	218, 215, 244
RGB Percent	85%, 84%, 96%
CMY	0.1451, 0.1568, 0.0431
CMYK	0.11, 0.12, 0.00, 0.04
HSL	246°, 57%, 90%
HSV	246°, 12%, 96%
XYZ	69.5430, 70.0380, 95.4413
YIQ	219.2030, -7.5210, 9.6550

Conversions

Conversions Part 2

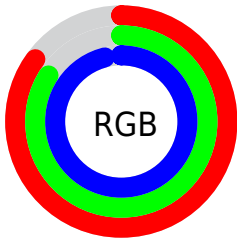
Format	Color
R _Y B	218, 215, 244
Decimal	14342132
CIE Lab	87.02, 6.52, -13.79
CIE LCh	87, 15.255, 295.288
Yxy	70.0380, 0.2959, 0.2980
Android (android.graphics.Color)	4292532212 (0xFFDAD7F4)
YUV	219.2030, 12.2249, -1.0550
Hunter-Lab	83.6887, 1.8733, -9.0341

Details

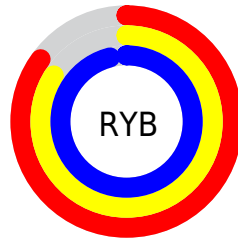
The XYZ color **69.5430, 70.0380, 95.4413** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.8946, 88.3103, 77.0754**, and the grayscale version is **67.3961, 70.9060, 77.2166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7522, 36.5590, 52.6965** is the 20% darker color. If you saturate the color by 10%, you get **57.6712, 55.3736, 93.2376**, and if you desaturate by 10%, it is **83.2092, 87.0066, 97.9974**.

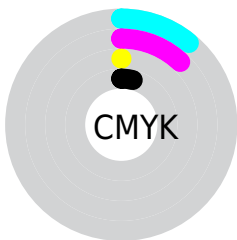
Distribution



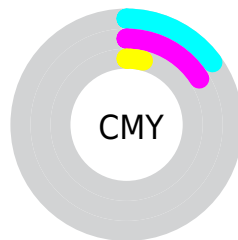
- Red (85%)
- Green (84%)
- Blue (96%)



- Red (85%)
- Yellow (84%)
- Blue (96%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5430, 70.0380, 95.4413 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 69.5430, 70.0380, 95.4413 by changing the saturation by 10% instead.

■ 69.5430, 70.0380,
95.4413

■ 69.5430, 70.0380,
95.4413

448.2352,
460.6834, 566.5972

■ 51.4323, 51.5575,
71.9034

117.5866,
119.2629, 156.8750

■ 36.7752, 36.6525,
52.5934

148.2503,
150.7762, 195.6078

■ 25.2064, 24.9385,
37.0928

183.8290,
187.4025, 240.2427

■ 16.3604, 16.0313,
24.9830

224.6880,
229.5262, 291.1982

■ 9.8720, 9.5463,
15.8455

271.1928,
277.5318, 348.8929

■ 5.3758, 5.0992,
9.2617

323.7087,

■ 2.5064, 2.3056,

331.8036, 413.7453

4.8131

382.6011,
392.7260, 486.1738

■ 0.8985, 0.7767,
2.0812

■ 0.0000, 0.0000,
0.6046

■ 69.5430, 70.0380,
95.4413

■ 69.5430, 70.0380,
95.4413

■ 57.6712, 55.3736,
93.2376

■ 83.2092, 87.0066,
97.9974

■ 47.5131, 42.9056,
91.3664

■ 93.3293, 99.3117,
99.8391

■ 38.9910, 32.5305,
89.8130

■ 32.0189, 24.1334,
88.5596

■ 26.5029, 17.5878,
87.5869

■ 22.3387, 12.7528,
86.8732

■ 19.4079, 9.4672,
86.3935

■ 17.5713, 7.5382,
86.1179

■ 16.7356, 6.7412,
86.0081

Harmonies

Analogous

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



66.0070, 70.0380, 97.5665



69.5430, 70.0380, 95.4413



72.3697, 70.0380, 88.0051

Triad

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



69.5430, 70.0380, 95.4413



70.5530, 70.0380, 61.2208



59.9627, 70.0380, 74.6566

Complementary

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



69.5430, 70.0380, 95.4413



80.8946, 88.3103, 77.0754

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.



61.0869, 70.0380, 65.6084



69.5430, 70.0380, 95.4413



67.1343, 70.0380, 58.3050

Square

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



69.5430, 70.0380, 95.4413



72.9672, 70.0380, 68.1702



63.6811, 70.0380, 59.8370



60.5562, 70.0380, 84.9647

Rectangle

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



69.5430, 70.0380, 95.4413



73.4280, 70.0380, 81.3594



63.6811, 70.0380, 59.8370



60.1511, 70.0380, 71.3773

Sweetspot

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



69.5451, 70.0409, 95.4429



88.5968, 91.9703, 107.6902



75.8406, 83.9504, 97.7958



18.7115, 19.3723, 23.0030



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.



69.5451, 70.0409, 95.4429



73.8881, 73.7261, 104.9440



74.0407, 72.3585, 95.6532



15.7401, 16.0086, 20.8030



9.1521, 3.6924, 46.7684



0.8562, 0.3513, 4.1129

Inverse Universe

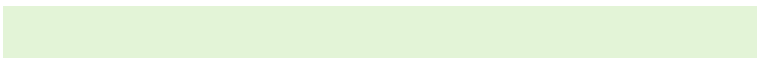
The Inverse Universe completely reimagines the original color for something new.



77.4883, 74.1880, 93.4582



84.1114, 79.0643, 102.3513



76.1711, 85.8752, 76.8543



17.1355, 16.7370, 20.4600



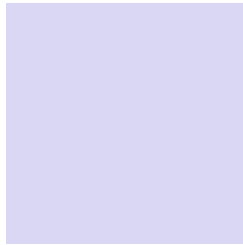
27.2530, 13.2446, 37.6361



2.4161, 1.1724, 3.4177

Previews

White Background



This preview shows how the XYZ color 69.5430, 70.0380, 95.4413 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 69.5430, 70.0380, 95.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

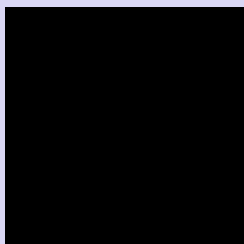
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5430, 70.0380, 95.4413

Background



This preview shows how black text looks on a background with the XYZ color 69.5430, 70.0380, 95.4413.



This preview shows how white text looks on a background with the XYZ color 69.5430, 70.0380,

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

69.5430, 70.0380, 95.4413

Protanopia

68.7689, 70.0004, 96.2731

Deuteranopia

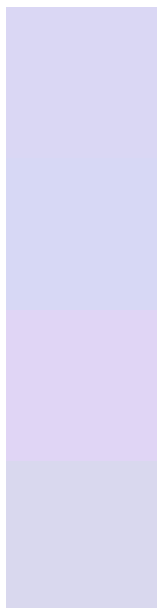
71.7035, 70.0104, 96.1204



Tritanopia

67.9830, 70.1652, 87.8020

Trichromacy



Original Color

69.5430, 70.0380, 95.4413

Protanomaly

69.0616, 70.1514, 96.2868

Deuteranomaly

71.0162, 70.0284, 96.1601

Tritanomaly

68.6038, 70.0365, 90.7915

Monochromacy



Original Color

69.5430, 70.0380, 95.4413

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.2884, 70.8043, 83.4662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5430, 70.0380, 95.4413 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(218, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 244)  
}
```

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(218, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 69.5430, 70.0380, 95.4413 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(218, 215, 244) }
```


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

```
.border{ border-color:rgb(218, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5430, 70.0380, 95.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 244) }
```

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

```
.background{ background-color: rgb(218,  
215, 244) }
```

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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