

Converting Colors

XYZ(70.0092, 70.3127, 95.4006)

Have a look what the booklet for
XYZ(70.0092, 70.3127, 95.4006)
contains.

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Color

**XYZ(70.1448, 70.3482,
95.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD7F4
RGB	220, 215, 244
RGB Percent	86%, 84%, 96%
CMY	0.1372, 0.1568, 0.0431
CMYK	0.10, 0.12, 0.00, 0.04
HSL	250°, 57%, 90%
HSV	250°, 12%, 96%
XYZ	70.1448, 70.3482, 95.4695
YIQ	219.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

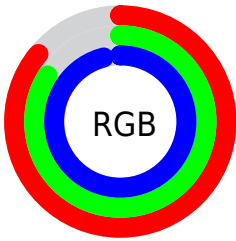
Format	Color
R _Y B	220, 215, 244
Decimal	14473204
CIE Lab	87.17, 7.16, -13.55
CIE LCh	87, 15.324, 297.845
Yxy	70.3482, 0.2973, 0.2981
Android (android.graphics.Color)	4292663284 (0xFFD7CD7F4)
YUV	219.8010, 11.9301, 0.1745
Hunter-Lab	83.8738, 2.5027, -8.7752

Details

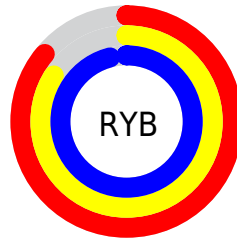
The XYZ color **70.1448, 70.3482, 95.4695** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2156, 87.9602, 77.0436**, and the grayscale version is **67.8132, 71.3448, 77.6945**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1650, 36.7718, 52.7158** is the 20% darker color. If you saturate the color by 10%, you get **58.6420, 55.8740, 93.2831**, and if you desaturate by 10%, it is **83.3168, 87.0621, 98.0025**.

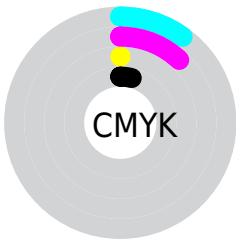
Distribution



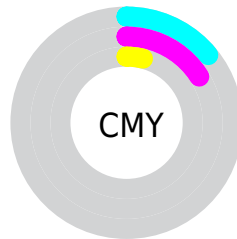
- Red (86%)
- Green (84%)
- Blue (96%)



- Red (86%)
- Yellow (84%)
- Blue (96%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1448, 70.3482, 95.4695 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 70.1448, 70.3482, 95.4695 by changing the saturation by 10% instead.

70.1448, 70.3482,
95.4695

70.1448, 70.3482,
95.4695

450.3167,
461.7717, 566.6896

51.9246, 51.8105,
71.9268

118.4404,
119.7052, 156.9142

37.1690, 36.8540,
52.6124

149.2465,
151.2932, 195.6533

25.5127, 25.0945,
37.1078

184.9786,
188.0001, 240.2949

16.5902, 16.1475,
24.9945

226.0020,
230.2103, 291.2576

10.0362, 9.6286,
15.8540

272.6822,
278.3081, 348.9598

5.4854, 5.1534,
9.2677

325.3845,

2.5725, 2.3375,

332.6780, 413.8202

4.8170

384.4742,
393.7044, 486.2573

■ 0.9319, 0.7935,
2.0834

■ 0.0000, 0.0000,
0.6059

■ 70.1448, 70.3482,
95.4695

■ 70.1448, 70.3482,
95.4695

■ 58.6420, 55.8740,
93.2831

■ 83.3168, 87.0621,
98.0025

■ 48.7349, 43.5354,
91.4236

■ 93.3293, 99.3117,
99.8392

■ 40.3541, 33.2332,
89.8768

■ 33.4223, 24.8568,
88.6254

■ 27.8554, 18.2850,
87.6503

■ 23.5604, 13.3826,
86.9304

■ 20.4319, 9.9950,
86.4414

■ 18.3467, 7.9380,
86.1543

■ 17.2862, 7.0250,
86.0339

Harmonies

Analogous

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



66.6042, 70.3482, 98.1323



70.1448, 70.3482, 95.4695



72.8885, 70.3482, 87.6241

Triad

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



70.1448, 70.3482, 95.4695



70.6107, 70.3482, 61.0296



60.1913, 70.3482, 75.8551

Complementary

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



70.1448, 70.3482, 95.4695



80.2156, 87.9602, 77.0436

Split Complementary

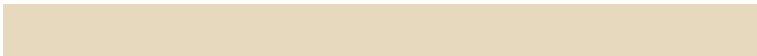
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1807, 70.3482, 66.5366



70.1448, 70.3482, 95.4695



67.1242, 70.3482, 58.4684

Square

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



70.1448, 70.3482, 95.4695



73.1642, 70.3482, 67.7176



63.6868, 70.3482, 60.3919



60.9360, 70.3482, 86.2211

Rectangle

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



70.1448, 70.3482, 95.4695



73.8517, 70.3482, 80.8418



63.6868, 70.3482, 60.3919



60.3314, 70.3482, 72.5039

Sweetspot

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



70.1469, 70.3512, 95.4711



88.8439, 92.0977, 107.7018



75.2711, 82.8114, 97.6061



18.7738, 19.4044, 23.0059



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.



70.1469, 70.3512, 95.4711



74.6524, 74.1201, 104.9797



74.6732, 72.6845, 95.6829



15.8473, 16.0639, 20.8080



9.4770, 3.8599, 46.7836



0.9069, 0.3774, 4.1153

Inverse Universe

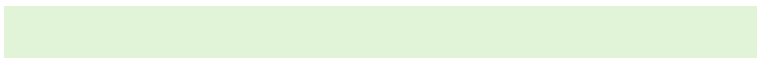
The Inverse Universe completely reimagines the original color for something new.



77.1911, 74.0690, 91.8931



83.7250, 78.9098, 100.3163



75.5662, 85.5634, 76.8260



17.0838, 16.7164, 20.1881



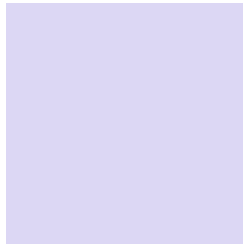
26.1247, 12.7933, 31.6949



2.3277, 1.1371, 2.9522

Previews

White Background



This preview shows how the XYZ color 70.1448, 70.3482, 95.4695 looks on a white background.

Color Contrast Check

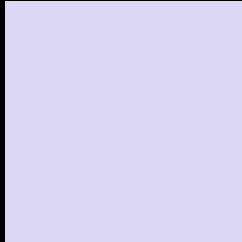
Large Text (above 18pt) WCAG AA × Fail

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 70.1448, 70.3482, 95.4695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

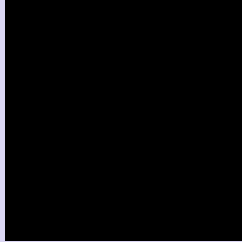
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1448, 70.3482, 95.4695

Background



This preview shows how black text looks on a background with the XYZ color 70.1448, 70.3482, 95.4695.



This preview shows how white text looks on a background with the XYZ color 70.1448, 70.3482,

95.4695.

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

70.1448, 70.3482, 95.4695

Protanopia

69.0258, 70.5144, 96.3588

Deuteranopia

71.8019, 70.4510, 95.4020



Tritanopia

68.5776, 70.4716, 87.8299

Trichromacy



Original Color

70.1448, 70.3482, 95.4695

Protanomaly

69.3562, 70.3032, 96.3006

Deuteranomaly

71.1162, 70.4721, 95.4422

Tritanomaly

69.2019, 70.3448, 90.8195

Monochromacy



Original Color

70.1448, 70.3482, 95.4695

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7295, 71.0156, 84.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1448, 70.3482, 95.4695 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(220, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 70.1448, 70.3482, 95.4695 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(220, 215, 244) }
```


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

```
.border{ border-color:rgb(220, 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(220, 215, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1448, 70.3482, 95.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 244) }
```

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

```
.background{ background-color: rgb(220,  
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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