

Converting Colors

XYZ(67.4903, 67.5383, 92.6981)

Have a look what the booklet for
XYZ(67.4903, 67.5383, 92.6981)
contains.

XYZ(67.4904, 67.5383, 92.6982)	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(67.4904, 67.5383,
92.6982)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D3F1
RGB	216, 211, 241
RGB Percent	85%, 83%, 95%
CMY	0.1529, 0.1725, 0.0549
CMYK	0.10, 0.12, 0.00, 0.05
HSL	250°, 52%, 89%
HSV	250°, 12%, 95%
XYZ	67.4904, 67.5383, 92.6982
YIQ	215.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

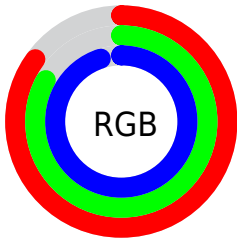
Format	Color
R _Y B	216, 211, 241
Decimal	14210033
CIE Lab	85.78, 7.39, -14.08
CIE LCh	86, 15.900, 297.680
Yxy	67.5383, 0.2964, 0.2966
Android (android.graphics.Color)	4292400113 (0xFFD8D3F1)
YUV	215.9150, 12.3669, 0.0745
Hunter-Lab	82.1817, 2.7723, -9.3500

Details

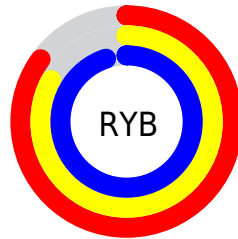
The XYZ color **67.4904, 67.5383, 92.6982** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8075, 85.4483, 74.0234**, and the grayscale version is **65.1358, 68.5279, 74.6269**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5119, 35.1938, 50.8203** is the 20% darker color. If you saturate the color by 10%, you get **56.3709, 53.5758, 90.5903**, and if you desaturate by 10%, it is **80.2368, 83.6755, 95.1422**.

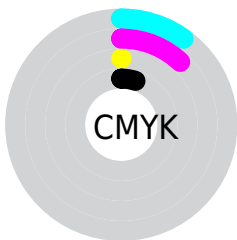
Distribution



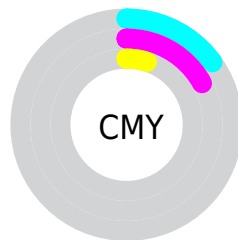
- Red (85%)
- Green (83%)
- Blue (95%)



- Red (85%)
- Yellow (83%)
- Blue (95%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4904, 67.5383, 92.6982 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 67.4904, 67.5383, 92.6982 by changing the saturation by 10% instead.

67.4904, 67.5383,
92.6982

67.4904, 67.5383,
92.6982

441.0934,
451.8585, 557.5644

49.7554, 49.5222,
69.6344

114.6687,
115.6914, 153.0488

35.4361, 35.0339,
50.7536

144.8428,
146.5972, 191.1727

24.1671, 23.6890,
35.6372

179.8940,
182.5684, 235.1537

15.5830, 15.1031,
23.8666

220.1876,
223.9893, 285.4104

9.3185, 8.8918,
15.0234

266.0890,
271.2444, 342.3612

5.0083, 4.6706,
8.6890

317.9635,

2.2869, 2.0553,

324.7180, 406.4248

4.4449

376.1765,
384.7946, 478.0197

■ 0.7880, 0.6393,
1.8724

■ 0.0000, 0.0000,
0.4751

■ 67.4904, 67.5383,
92.6982

■ 67.4904, 67.5383,
92.6982

■ 56.3709, 53.5758,
90.5903

■ 80.2368, 83.6755,
95.1422

■ 46.8065, 41.6865,
88.7995

■ 92.8774, 99.1310,
97.4592

■ 38.7287, 31.7734,
87.3118

■ 32.0617, 23.7284,
86.1104

■ 26.7226, 17.4327,
85.1766

■ 22.6199, 12.7541,
84.4898

■ 19.6498, 9.5409,
84.0261

■ 17.6903, 7.6116,
83.7570

■ 16.7584, 6.8051,
83.6504

Harmonies

Analogous

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



63.9110, 67.5383, 95.3740



67.4904, 67.5383, 92.6982



70.2741, 67.5383, 84.7513

Triad

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



67.4904, 67.5383, 92.6982



67.9977, 67.5383, 57.9054



57.4685, 67.5383, 72.7315

Complementary

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



67.4904, 67.5383, 92.6982



77.8075, 85.4483, 74.0234

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.



58.4734, 67.5383, 63.3596



67.4904, 67.5383, 92.6982



64.4761, 67.5383, 55.3181

Square

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



67.4904, 67.5383, 92.6982



70.5747, 67.5383, 64.6372



61.0050, 67.5383, 57.2181



58.2083, 67.5383, 83.2200

Rectangle

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



67.4904, 67.5383, 92.6982



71.2566, 67.5383, 77.8860



61.0050, 67.5383, 57.2181



57.6126, 67.5383, 69.3544

Sweetspot

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



67.4924, 67.5411, 92.6997



88.8234, 92.0871, 107.7008



72.8829, 80.4809, 94.9132



18.7686, 19.4018, 23.0057



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.



67.4924, 67.5411, 92.6997



73.2677, 72.4244, 104.7254



71.9675, 69.8481, 92.9091



15.1426, 15.3552, 19.8874



9.1626, 3.7289, 45.3647



0.8333, 0.3468, 3.7772

Inverse Universe

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



74.7124, 71.3483, 89.1936



83.0293, 77.5732, 99.9151



73.1865, 83.0661, 73.8072



16.3346, 15.9835, 19.3181



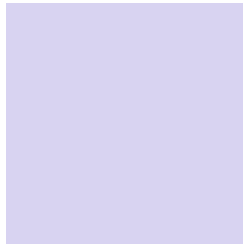
25.4222, 12.4413, 31.2035



2.1446, 1.0469, 2.7524

Previews

White Background



This preview shows how the XYZ color 67.4904, 67.5383, 92.6982 looks on a white background.

Color Contrast Check

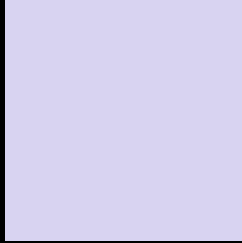
Large Text (above 18pt) WCAG AA × Fail

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 67.4904, 67.5383, 92.6982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

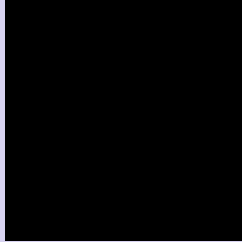
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4904, 67.5383, 92.6982

Background



This preview shows how black text looks on a background with the XYZ color 67.4904, 67.5383, 92.6982.



This preview shows how white text looks on a background with the XYZ color 67.4904, 67.5383,

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

67.4904, 67.5383, 92.6982

Protanopia

66.3996, 67.7009, 93.5724

Deuteranopia

69.1091, 67.6398, 92.6324



Tritanopia

65.8087, 67.5978, 84.4421

Trichromacy



Original Color

67.4904, 67.5383, 92.6982

Protanomaly

66.7219, 67.4948, 93.5156

Deuteranomaly

68.4390, 67.6597, 92.6716

Tritanomaly

66.4191, 67.4746, 87.3651

Monochromacy



Original Color

67.4904, 67.5383, 92.6982

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.9561, 68.1283, 80.9080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4904, 67.5383, 92.6982 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(216, 211, 241)` looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 241)  
}
```

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(216, 211, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 241) }
```

Border

The CSS property to change the border of an element to XYZ 67.4904, 67.5383, 92.6982 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(216, 211, 241) }
```


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

```
.border{ border-color:rgb(216, 211, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 211, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 241);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4904, 67.5383, 92.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 241) }
```

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

```
.background{ background-color: rgb(216,  
211, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor