

Converting Colors

XYZ(67.2906, 66.9292, 92.7286)

Have a look what the booklet for
XYZ(67.2906, 66.9292, 92.7286)
contains.

XYZ(67.2427, 67.0430, 92.6156)	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(67.2427, 67.0430,
92.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D2F1
RGB	216, 210, 241
RGB Percent	85%, 82%, 95%
CMY	0.1529, 0.1765, 0.0549
CMYK	0.10, 0.13, 0.00, 0.05
HSL	252°, 53%, 88%
HSV	252°, 13%, 95%
XYZ	67.2427, 67.0430, 92.6156
YIQ	215.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

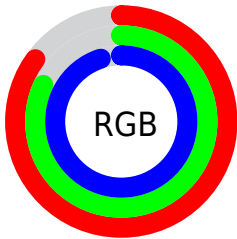
Format	Color
R _Y B	216, 210, 241
Decimal	14209777
CIE Lab	85.53, 7.91, -14.45
CIE LCh	86, 16.479, 298.704
Yxy	67.0430, 0.2964, 0.2955
Android (android.graphics.Color)	4292399857 (0xFFD8D2F1)
YUV	215.3280, 12.6563, 0.5893
Hunter-Lab	81.8798, 3.3011, -9.7481

Details

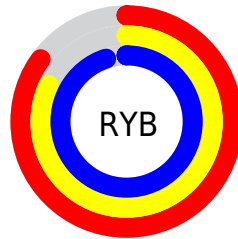
The XYZ color **67.2427, 67.0430, 92.6156** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.3515, 85.2276, 73.3497**, and the grayscale version is **64.7352, 68.1065, 74.1680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3434, 34.8568, 50.7642** is the 20% darker color. If you saturate the color by 10%, you get **56.3284, 53.2403, 90.5277**, and if you desaturate by 10%, it is **79.7363, 82.9935, 95.0369**.

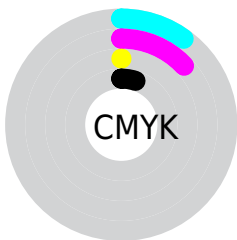
Distribution



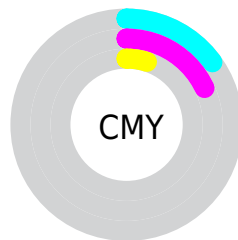
- Red (85%)
- Green (82%)
- Blue (95%)



- Red (85%)
- Yellow (82%)
- Blue (95%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2427, 67.0430, 92.6156 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 67.2427, 67.0430, 92.6156 by changing the saturation by 10% instead.

67.2427, 67.0430,
92.6156

67.2427, 67.0430,
92.6156

440.2271,
450.0978, 557.2912

49.5533, 49.1196,
69.5662

114.3160,
114.9820, 152.9334

35.2749, 34.7143,
50.6983

144.4306,
145.7664, 191.0389

24.0422, 23.4429,
35.5935

179.4176,
181.6066, 235.0001

15.4899, 14.9209,
23.8332

219.6425,
222.8869, 285.2355

9.2525, 8.7639,
14.9989

265.4705,
269.9918, 342.1639

4.9646, 4.5875,
8.6720

317.2670,

2.2611, 2.0073,

323.3057, 406.2036

4.4340

375.3975,
383.2129, 477.7732

■ 0.7746, 0.6117,
1.8663

■ 0.0000, 0.0000,
0.4712

■ 67.2427, 67.0430,
92.6156

■ 67.2427, 67.0430,
92.6156

■ 56.3284, 53.2403,
90.5277

■ 79.7363, 82.9935,
95.0369

■ 46.9239, 41.4850,
88.7544

■ 92.8320, 99.1075,
97.4570

■ 38.9633, 31.6810,
87.2816

■ 92.8774, 99.1310,
97.4592

■ 32.3734, 23.7214,
86.0926

■ 27.0744, 17.4889,
85.1688

■ 22.9780, 12.8522,
84.4898

■ 19.9842, 9.6609,
84.0316

■ 17.9751, 7.7346,
83.7657

■ 17.0326, 6.9465,
83.6632

Harmonies

Analogous

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



63.5597, 67.0430, 95.6103



67.2427, 67.0430, 92.6156



70.0737, 67.0430, 84.2400

Triad

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



67.2427, 67.0430, 92.6156



67.5354, 67.0430, 56.7609



56.7931, 67.0430, 72.5332

Complementary

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



67.2427, 67.0430, 92.6156



77.3515, 85.2276, 73.3497

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.



57.7669, 67.0430, 62.8042



67.2427, 67.0430, 92.6156



63.8853, 67.0430, 54.2662

Square

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



67.2427, 67.0430, 92.6156



70.2472, 67.0430, 63.5376



60.3271, 67.0430, 56.3676



57.6146, 67.0430, 83.3547

Rectangle

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



67.2427, 67.0430, 92.6156



71.0455, 67.0430, 77.1116



60.3271, 67.0430, 56.3676



56.9206, 67.0430, 69.0342

Sweetspot

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



67.2447, 67.0458, 92.6171



88.9199, 92.1369, 107.7054



72.2568, 79.6526, 94.7863



18.7929, 19.4143, 23.0068



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.



67.2447, 67.0458, 92.6171



73.5856, 72.5883, 104.7403



71.9402, 69.4664, 92.8368



15.1827, 15.3759, 19.8892



9.3209, 3.8105, 45.3721



0.8523, 0.3567, 3.7781

Inverse Universe

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



74.3199, 70.7950, 88.3481



82.8696, 77.5094, 99.0745



72.5500, 82.7524, 73.1250



16.3155, 15.9759, 19.2176



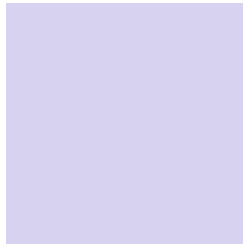
25.0229, 12.2816, 29.1006



2.1149, 1.0350, 2.5958

Previews

White Background



This preview shows how the XYZ color 67.2427, 67.0430, 92.6156 looks on a white background.

Color Contrast Check

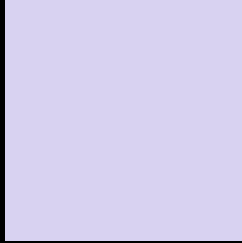
Large Text (above 18pt) WCAG AA × Fail

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 67.2427, 67.0430, 92.6156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

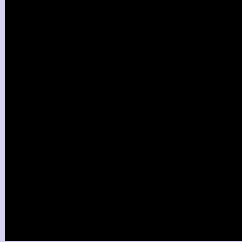
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2427, 67.0430, 92.6156

Background



This preview shows how black text looks on a background with the XYZ color 67.2427, 67.0430, 92.6156.



This preview shows how white text looks on a background with the XYZ color 67.2427, 67.0430,

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

67.2427, 67.0430, 92.6156

Protanopia

65.8650, 67.0531, 93.4755

Deuteranopia

68.2519, 66.8348, 92.5222



Tritanopia

65.4179, 67.0403, 83.6209

Trichromacy



Original Color

67.2427, 67.0430, 92.6156

Protanomaly

66.4727, 66.9964, 93.4325

Deuteranomaly

67.8911, 67.0119, 92.5754

Tritanomaly

66.0266, 66.9188, 86.5274

Monochromacy



Original Color

67.2427, 67.0430, 92.6156

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.2731, 67.4174, 80.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2427, 67.0430, 92.6156 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, 210, 241)` looks like.

```
.text, #text, p{  
    color:rgb(216, 210, 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, 210, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 210, 241) }
```

Border

The CSS property to change the border of an element to XYZ 67.2427, 67.0430, 92.6156 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, 210, 241) }
```


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

```
.border{ border-color:rgb(216, 210, 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, 210, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 210, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 210, 241);  
box-shadow:4px 4px 4px 4px rgb(216, 210,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2427, 67.0430, 92.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 210, 241) }
```

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

```
.background{ background-color: rgb(216,  
210, 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