

Converting Colors

XYZ(64.8851, 67.2423, 95.9454)

Have a look what the booklet for
XYZ(64.8851, 67.2423, 95.9454)
contains.

XYZ(64.8851, 67.2423, 95.9454)	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(64.8851, 67.2423,
95.9454)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD6F5
RGB	202, 214, 245
RGB Percent	79%, 84%, 96%
CMY	0.2078, 0.1608, 0.0392
CMYK	0.18, 0.13, 0.00, 0.04
HSL	223°, 68%, 88%
HSV	223°, 18%, 96%
XYZ	64.8851, 67.2423, 95.9454
YIQ	213.9460, -17.1030, 7.0970

Conversions

Conversions Part 2

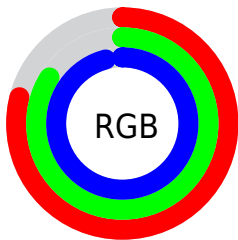
Format	Color
R _Y B	202, 211, 245
Decimal	13293301
CIE Lab	85.63, 2.21, -16.52
CIE LCh	86, 16.672, 277.626
Yxy	67.2423, 0.2845, 0.2948
Android (android.graphics.Color)	4291483381 (0xFFCAD6F5)
YUV	213.9460, 15.3096, -10.4766
Hunter-Lab	82.0014, -2.2611, -11.9710

Details

The XYZ color **64.8851, 67.2423, 95.9454** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.4562, 81.9543, 67.6149**, and the grayscale version is **63.7904, 67.1125, 73.0855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7962, 34.7663, 53.0734** is the 20% darker color. If you saturate the color by 10%, you get **54.5452, 55.6338, 94.2508**, and if you desaturate by 10%, it is **76.7662, 80.3682, 97.8538**.

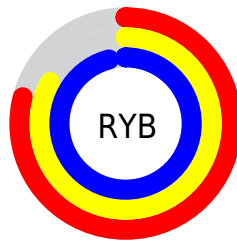
Distribution



Red (79%)

Green (84%)

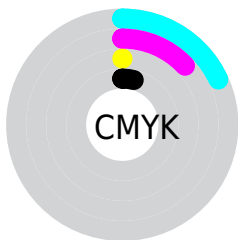
Blue (96%)



Red (79%)

Yellow (83%)

Blue (96%)

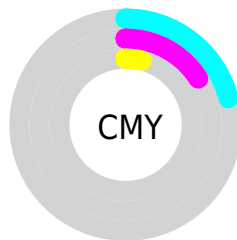


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8851, 67.2423, 95.9454 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 64.8851, 67.2423, 95.9454 by changing the saturation by 10% instead.

■ 64.8851, 67.2423,
95.9454

■ 64.8851, 67.2423,
95.9454

431.9307,
450.8068, 568.2486

■ 47.6323, 49.2816,
72.3209

110.9513,
115.2675, 157.5769

■ 33.7458, 34.8429,
52.9324

140.4953,
146.1008, 196.4209

■ 22.8604, 23.5419,
37.3614

174.8672,
181.9937, 241.1751

■ 14.6106, 14.9941,
25.1895

214.4322,
223.3307, 292.2581

■ 8.6311, 8.8153,
15.9980

259.5557,
270.4961, 350.0884

■ 4.5565, 4.6209,
9.3684

310.6030,

■ 2.0215, 2.0266,

323.8743, 415.0846

4.8822

367.9396,
383.8497, 487.6651

■ 0.6460, 0.6229,
2.1208

■ 0.0000, 0.0000,
0.6281

■ 64.8851, 67.2423,
95.9454

■ 64.8851, 67.2423,
95.9454

■ 54.5452, 55.6338,
94.2508

■ 76.7662, 80.3682,
97.8538

■ 45.6753, 45.4780,
92.7580

■ 90.2432, 95.0563,
99.9786

■ 38.2079, 36.7178,
91.4607

■ 93.4816, 99.3727,
100.6411

■ 32.0673, 29.2888,
90.3504

■ 27.1703, 23.1211,
89.4180

■ 23.4237, 18.1378,
88.6536

■ 20.7197, 14.2521,
88.0461

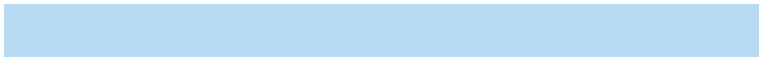
■ 18.9205, 11.3590,
87.5825

■ 18.5723, 10.7740,
87.4880

Harmonies

Analogous

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



61.1740, 67.2423, 94.2922



64.8851, 67.2423, 95.9454



68.4713, 67.2423, 91.0471

Triad

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



64.8851, 67.2423, 95.9454



69.8676, 67.2423, 61.1829



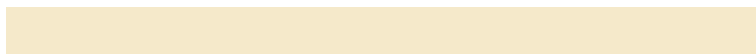
57.3983, 67.2423, 65.5445

Complementary

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



64.8851, 67.2423, 95.9454



77.4562, 81.9543, 67.6149

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.



59.5593, 67.2423, 57.8786



64.8851, 67.2423, 95.9454



66.7301, 67.2423, 55.5397

Square

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



64.8851, 67.2423, 95.9454



71.4211, 67.2423, 70.4768



62.9483, 67.2423, 54.3927



56.9482, 67.2423, 76.0241

Rectangle

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



64.8851, 67.2423, 95.9454



70.2754, 67.2423, 84.9860



62.9483, 67.2423, 54.3927



57.9445, 67.2423, 62.5852

Sweetspot

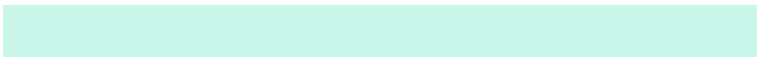
The Sweet Spot groups the original color and five complimentary colors.



64.8871, 67.2451, 95.9469



87.6515, 91.9369, 107.7336



71.6926, 83.7353, 89.3387



18.5461, 19.4432, 23.0254



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.



64.8871, 67.2451, 95.9469



66.9164, 69.0157, 104.4022



64.5581, 62.7308, 95.0929



15.9577, 16.6797, 20.9210



10.1051, 6.0040, 47.1643



0.9712, 0.6938, 4.1730

Inverse Universe

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



70.9159, 66.5101, 72.7216



74.6778, 68.2219, 74.4677



77.8013, 87.3489, 68.6380



16.6892, 16.5585, 18.1100



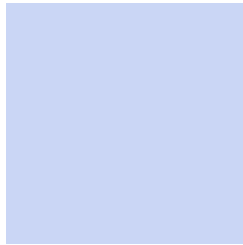
20.9051, 10.7055, 4.2087



1.8793, 0.9577, 0.5907

Previews

White Background



This preview shows how the XYZ color 64.8851, 67.2423, 95.9454 looks on a white background.

Color Contrast Check

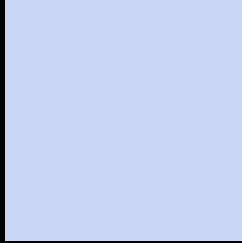
Large Text (above 18pt) WCAG AA × Fail

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 64.8851, 67.2423, 95.9454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

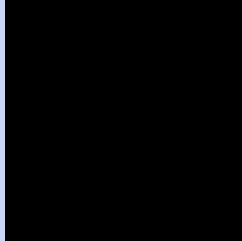
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8851, 67.2423, 95.9454

Background



This preview shows how black text looks on a background with the XYZ color 64.8851, 67.2423, 95.9454.



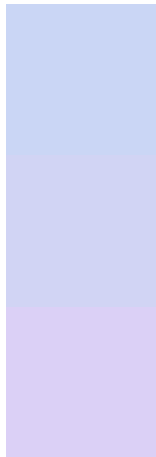
This preview shows how white text looks on a background with the XYZ color 64.8851, 67.2423,

95.9454.

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

64.8851, 67.2423, 95.9454

Protanopia

66.1671, 67.1739, 95.0664

Deuteranopia

68.4038, 66.8256, 96.4821



Tritanopia

63.0833, 67.2743, 86.7512

Trichromacy



Original Color

64.8851, 67.2423, 95.9454

Protanomaly

65.5770, 67.2420, 95.1107

Deuteranomaly

67.1217, 66.8931, 96.5628

Tritanomaly

63.6739, 67.1328, 89.7227

Monochromacy



Original Color

64.8851, 67.2423, 95.9454

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2155, 67.2310, 80.8265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8851, 67.2423, 95.9454 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(202, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 245)  
}
```

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(202, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 245) }
```

Border

The CSS property to change the border of an element to XYZ 64.8851, 67.2423, 95.9454 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(202, 214, 245) }
```


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

```
.border{ border-color:rgb(202, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8851, 67.2423, 95.9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 245) }
```

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

```
.background{ background-color: rgb(202,  
214, 245) }
```

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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