

Converting Colors

XYZ(68.4269, 68.9031, 94.6452)

Have a look what the booklet for
XYZ(68.4269, 68.9031, 94.6452)
contains.

XYZ(68.2908, 68.6585, 94.4471)	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(68.2908, 68.6585,
94.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D5F3
RGB	216, 213, 243
RGB Percent	85%, 84%, 95%
CMY	0.1529, 0.1647, 0.0471
CMYK	0.11, 0.12, 0.00, 0.05
HSL	246°, 56%, 89%
HSV	246°, 12%, 95%
XYZ	68.2908, 68.6585, 94.4471
YIQ	217.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

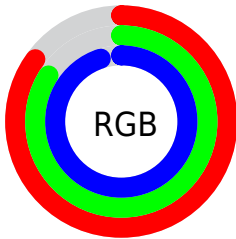
Format	Color
R _{YB}	216, 213, 243
Decimal	14210547
CIE Lab	86.33, 6.73, -14.30
CIE LCh	86, 15.805, 295.204
Yxy	68.6585, 0.2951, 0.2967
Android (android.graphics.Color)	4292400627 (0xFFD8D5F3)
YUV	217.3170, 12.6617, -1.1550
Hunter-Lab	82.8604, 2.1080, -9.5784

Details

The XYZ color **68.2908, 68.6585, 94.4471** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.9985, 87.4323, 75.6138**, and the grayscale version is **66.0921, 69.5341, 75.7226**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8944, 35.6186, 51.9970** is the 20% darker color. If you saturate the color by 10%, you get **56.5935, 54.2260, 92.2789**, and if you desaturate by 10%, it is **81.7681, 85.3717, 96.9638**.

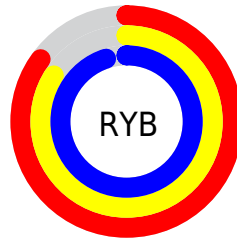
Distribution



Red (85%)

Green (84%)

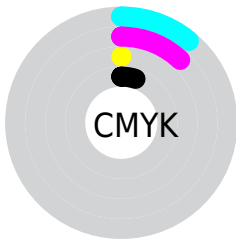
Blue (95%)



Red (85%)

Yellow (84%)

Blue (95%)

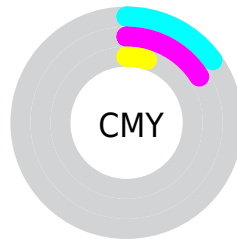


Cyan (11%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2908, 68.6585, 94.4471 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 68.2908, 68.6585, 94.4471 by changing the saturation by 10% instead.

■ 68.2908, 68.6585,
94.4471

■ 68.2908, 68.6585,
94.4471

443.8862,
455.8256, 563.3325

■ 50.4089, 50.4336,
71.0805

115.8077,
117.2937, 155.4895

■ 35.9575, 35.7581,
51.9257

146.1734,
148.4728, 194.0025

■ 24.5714, 24.2474,
36.5640

181.4310,
184.7388, 238.4013

■ 15.8850, 15.5173,
24.5770

221.9460,
226.4760, 289.1045

■ 9.5332, 9.1832,
15.5460

268.0836,
274.0689, 346.5307

■ 5.1504, 4.8609,
9.0526

320.2093,

■ 2.3714, 2.1659,

327.9019, 411.0984

4.6782

378.6884,
388.3593, 483.2262

■ 0.8309, 0.7013,
2.0043

■ 0.0000, 0.0000,
0.5579

■ 68.2908, 68.6585,
94.4471

■ 68.2908, 68.6585,
94.4471

■ 56.5935, 54.2260,
92.2789

■ 81.7681, 85.3717,
96.9638

■ 46.5957, 41.9670,
90.4397

■ 93.1779, 99.2511,
99.0415

■ 38.2200, 31.7785,
88.9145

■ 31.3802, 23.5460,
87.6860

■ 25.9825, 17.1434,
86.7347

■ 21.9225, 12.4303,
86.0389

■ 19.0816, 9.2453,
85.5739

■ 17.3195, 7.3955,
85.3097

■ 16.5612, 6.6688,
85.2094

Harmonies

Analogous

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



64.6732, 68.6585, 96.6165



68.2908, 68.6585, 94.4471



71.1893, 68.6585, 86.8174

Triad

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



68.2908, 68.6585, 94.4471



69.3431, 68.6585, 59.4440



58.5144, 68.6585, 73.0904

Complementary

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



68.2908, 68.6585, 94.4471



79.9985, 87.4323, 75.6138

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.



59.6653, 68.6585, 63.8695



68.2908, 68.6585, 94.4471



65.8460, 68.6585, 56.4722

Square

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



68.2908, 68.6585, 94.4471



71.8126, 68.6585, 66.5247



62.3160, 68.6585, 58.0141



59.1146, 68.6585, 83.6429

Rectangle

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



68.2908, 68.6585, 94.4471



72.2775, 68.6585, 80.0060



62.3160, 68.6585, 58.0141



58.7081, 68.6585, 69.7436

Sweetspot

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



68.2929, 68.6614, 94.4486



88.5846, 91.9640, 107.6897



74.9278, 83.2340, 96.9117



18.7084, 19.3707, 23.0028



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.



68.2929, 68.6614, 94.4486



72.4870, 72.0219, 104.6889



72.7681, 70.9684, 94.6581



15.7347, 16.0059, 20.8027



9.1397, 3.6860, 46.7678



0.8537, 0.3500, 4.1128

Inverse Universe

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



76.4869, 72.9374, 92.4884



83.4292, 77.7332, 102.0210



75.2704, 84.9949, 75.3926



17.1381, 16.7381, 20.4736



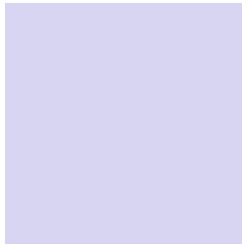
27.3123, 13.2683, 37.9483



2.4207, 1.1743, 3.4420

Previews

White Background



This preview shows how the XYZ color 68.2908, 68.6585, 94.4471 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 68.2908, 68.6585, 94.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

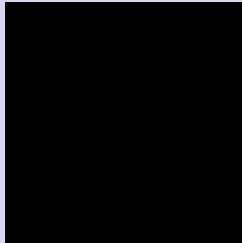
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2908, 68.6585, 94.4471

Background



This preview shows how black text looks on a background with the XYZ color 68.2908, 68.6585, 94.4471.



This preview shows how white text looks on a background with the XYZ color 68.2908, 68.6585,

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

68.2908, 68.6585, 94.4471

Protanopia

67.2397, 68.4737, 95.2608

Deuteranopia

70.1162, 68.4721, 95.1089



Tritanopia

66.5975, 68.7232, 86.0988

Trichromacy



Original Color

68.2908, 68.6585, 94.4471

Protanomaly

67.8163, 68.7709, 95.2878

Deuteranomaly

69.4422, 68.4923, 95.1483

Tritanomaly

67.2112, 68.5963, 89.0549

Monochromacy



Original Color

68.2908, 68.6585, 94.4471

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.8986, 69.3544, 81.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2908, 68.6585, 94.4471 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, 213, 243) looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 243)  
}
```

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, 213, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 243) }
```

Border

The CSS property to change the border of an element to XYZ 68.2908, 68.6585, 94.4471 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, 213, 243) }
```


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

```
.border{ border-color:rgb(216, 213, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 243);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2908, 68.6585, 94.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 243) }
```

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

```
.background{ background-color: rgb(216,  
213, 243) }
```

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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