

Converting Colors

XYZ(42.2685, 32.8975, 65.0948)

Have a look what the booklet for
XYZ(42.2685, 32.8975, 65.0948)
contains.

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Color

**XYZ(42.2685, 32.8975,
65.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	C285D2
RGB	194, 133, 210
RGB Percent	76%, 52%, 82%
CMY	0.2392, 0.4784, 0.1765
CMYK	0.08, 0.37, 0.00, 0.18
HSL	288°, 46%, 67%
HSV	288°, 37%, 82%
XYZ	42.2685, 32.8975, 65.0948
YIQ	160.0170, 11.6390, 36.8790

Conversions

Conversions Part 2

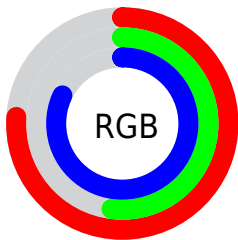
Format	Color
RYB	194, 133, 210
Decimal	12748242
CIELab	64.08, 36.48, -30.42
CIElCh	64, 47.502, 320.181
Yxy	32.8975, 0.3014, 0.2345
Android (android.graphics.Color)	4290938322 (0xFFC285D2)
YUV	160.0170, 24.6416, 29.8031
Hunter-Lab	57.3563, 31.1712, -27.1399

Details

The XYZ color **42.2685, 32.8975, 65.0948** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **39.6757, 54.1770, 30.5578**, and the grayscale version is **33.3087, 35.0433, 38.1622**.

A 20% lighter version of the original color is **75.6040, 63.2699, 102.8353**, and **19.5811, 13.8901, 32.6594** is the 20% darker color. If you saturate the color by 10%, you get **38.5725, 27.1430, 64.1794**, and if you desaturate by 10%, it is **46.5743, 39.8212, 66.2048**.

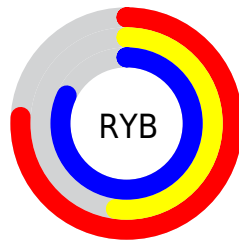
Distribution



Red (76%)

Green (52%)

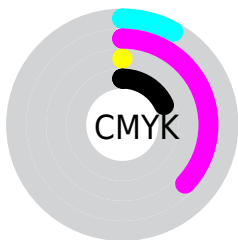
Blue (82%)



Red (76%)

Yellow (52%)

Blue (82%)

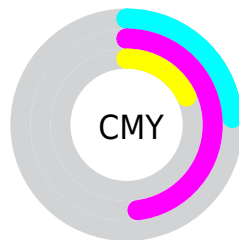


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (48%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2685, 32.8975, 65.0948 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 42.2685, 32.8975, 65.0948 by changing the saturation by 10% instead.

42.2685, 32.8975,
65.0948

42.2685, 32.8975,
65.0948

346.5675,
315.1876, 461.4481

29.5036, 22.0479,
47.0861

77.8684, 64.2155,
113.8007

19.6083, 13.8921,
32.7489

101.4342, 85.4527,
145.3350

12.2173, 8.0457,
21.6646

129.3310,
110.9212, 182.2150

6.9651, 4.1242,
13.4147

161.9241,
141.0054, 224.8591

3.4864, 1.7433,
7.5807

199.5790,
176.0898, 273.6859

1.4159, 0.4514,
3.7439

242.6610,

0.2675, 0.0000,

216.5587, 329.1140

1.4859

291.5353,
262.7965, 391.5619

■ 0.0000, 0.0000,
0.2074

■ 0.0000, 0.0000,
0.0000

■ 42.2685, 32.8975,
65.0948

■ 42.2685, 32.8975,
65.0948

■ 38.5725, 27.1430,
64.1794

■ 46.5743, 39.8212,
66.2048

■ 35.4483, 22.4845,
63.4449

■ 51.5186, 47.9732,
67.5177

■ 32.8585, 18.8470,
62.8792

■ 57.1318, 57.4137,
69.0440

■ 30.7599, 16.1442,
62.4681

■ 63.4417, 68.1975,
70.7929

■ 29.1019, 14.2753,
62.1948

■ 70.4744, 80.3763,
72.7730

■ 27.8192, 13.1103,
62.0376

■ 76.9636, 91.4174,
74.5622

■ 27.4354, 12.7997,
61.9978

■ 78.3032, 92.1080,
74.6248

■ 79.6774, 92.8164,
74.6892

■ 81.0867, 93.5430,
74.7551

Harmonies

Analogous

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



35.9364, 32.8975, 82.9348



42.2685, 32.8975, 65.0948



45.7914, 32.8975, 42.5022

Triad

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



42.2685, 32.8975, 65.0948



33.5218, 32.8975, 10.3442



20.6489, 32.8975, 50.1482

Complementary

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



42.2685, 32.8975, 65.0948



39.6757, 54.1770, 30.5578

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.



20.1947, 32.8975, 29.8773



42.2685, 32.8975, 65.0948



27.0226, 32.8975, 11.1178

Square

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



42.2685, 32.8975, 65.0948



40.2849, 32.8975, 14.2659



22.3638, 32.8975, 16.9773



23.7084, 32.8975, 72.3819

Rectangle

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



42.2685, 32.8975, 65.0948



45.7732, 32.8975, 29.6742



22.3638, 32.8975, 16.9773



20.2052, 32.8975, 42.7602

Sweetspot

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



42.2696, 32.8989, 65.0955



84.6335, 82.3021, 106.0330



32.1629, 31.3529, 65.3298



17.8600, 17.1871, 22.6261



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.



42.2696, 32.8989, 65.0955



61.0194, 43.9082, 99.8668



44.0637, 34.1167, 51.9444



12.0603, 11.8799, 14.9011



16.8208, 7.8517, 37.8215



1.0025, 0.4710, 2.1176

Inverse Universe

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



40.3917, 32.6479, 32.6079



57.9259, 43.6023, 41.4943



38.6215, 53.4409, 39.2106



11.9078, 11.8479, 12.7903



16.5153, 8.4790, 2.3540



0.9529, 0.4859, 0.2870

Previews

White Background



This preview shows how the XYZ color 42.2685, 32.8975, 65.0948 looks on a white background.

Color Contrast Check

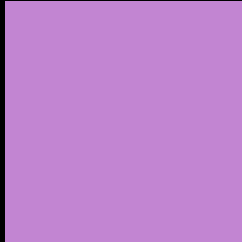
Large Text (above 18pt) WCAG AA × Fail

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 42.2685, 32.8975, 65.0948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

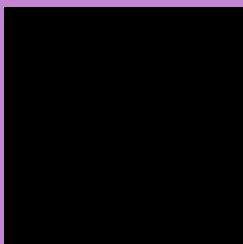
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2685, 32.8975, 65.0948

Background



This preview shows how black text looks on a background with the XYZ color 42.2685, 32.8975, 65.0948.



This preview shows how white text looks on a background with the XYZ color 42.2685, 32.8975,

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

42.2685, 32.8975, 65.0948

Protanopia

34.6344, 33.1790, 76.5303

Deuteranopia

33.8595, 33.0783, 62.9927



Tritanopia

36.1394, 32.7522, 35.4274

Trichromacy



Original Color

42.2685, 32.8975, 65.0948



Protanomaly

36.7147, 32.6936, 72.0856



Deuteranomaly

36.4417, 32.7441, 63.4311



Tritanomaly

38.1022, 32.6701, 44.8552

Monochromacy



Original Color

42.2685, 32.8975, 65.0948



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

35.9555, 33.7977, 46.7480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2685, 32.8975, 65.0948 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(194, 133, 210)` looks like.

```
.text, #text, p{  
    color:rgb(194, 133, 210)  
}
```

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(194, 133, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 133, 210) }
```

Border

The CSS property to change the border of an element to XYZ 42.2685, 32.8975, 65.0948 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(194, 133, 210) }
```


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

```
.border{ border-color:rgb(194, 133, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 133, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 133, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 133, 210);  
box-shadow:4px 4px 4px 4px rgb(194, 133,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2685, 32.8975, 65.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 133, 210) }
```

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

```
.background{ background-color: rgb(194,  
133, 210) }
```

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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