

Converting Colors

XYZ(41.9090, 41.6290, 65.5011)

Have a look what the booklet for
XYZ(41.9090, 41.6290, 65.5011)
contains.

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Color

**XYZ(41.9083, 41.6283,
65.5008)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AAD0
RGB	168, 170, 208
RGB Percent	66%, 67%, 82%
CMY	0.3412, 0.3333, 0.1843
CMYK	0.19, 0.18, 0.00, 0.18
HSL	237°, 30%, 74%
HSV	237°, 19%, 82%
XYZ	41.9083, 41.6283, 65.5008
YIQ	173.7340, -13.3900, 11.3940

Conversions

Conversions Part 2

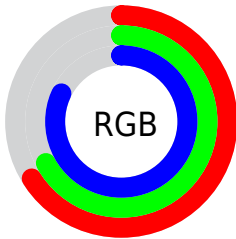
Format	Color
R _Y B	168, 170, 208
Decimal	11053776
CIE Lab	70.61, 7.22, -19.50
CIE LCh	71, 20.795, 290.331
Yxy	41.6283, 0.2812, 0.2793
Android (android.graphics.Color)	4289243856 (0xFFA8AAD0)
YUV	173.7340, 16.8931, -5.0287
Hunter-Lab	64.5200, 3.0328, -15.0273

Details

The XYZ color **41.9083, 41.6283, 65.5008** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.1520, 60.3797, 45.7944**, and the grayscale version is **40.0177, 42.1018, 45.8488**.

A 20% lighter version of the original color is **75.7157, 76.9177, 105.4637**, and **19.3814, 18.9348, 33.2051** is the 20% darker color. If you saturate the color by 10%, you get **34.3996, 32.6666, 64.1675**, and if you desaturate by 10%, it is **50.6847, 52.0719, 67.0547**.

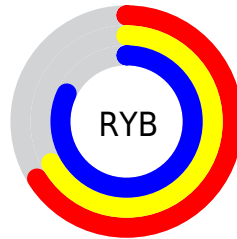
Distribution



Red (66%)

Green (67%)

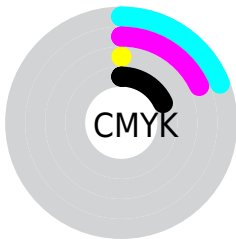
Blue (82%)



Red (66%)

Yellow (67%)

Blue (82%)

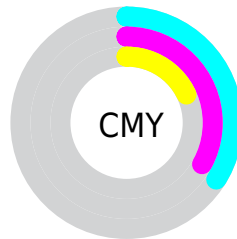


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9083, 41.6283, 65.5008 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 41.9083, 41.6283, 65.5008 by changing the saturation by 10% instead.

■ 41.9083, 41.6283,
65.5008

■ 41.9083, 41.6283,
65.5008

345.1008,
352.9398, 462.9448

■ 29.2203, 28.8104,
47.4134

■ 77.3269, 77.6368,
114.3897

■ 19.3926, 18.9374,
33.0059

■ 100.7881,
101.5961, 146.0283

■ 12.0600, 11.6251,
21.8598

128.5712,
130.0379, 183.0209

■ 6.8571, 6.4889,
13.5566

161.0414,
163.3468, 225.7862

■ 3.4184, 3.1446,
7.6777

198.5641,
201.9070, 274.7427

■ 1.3787, 1.2077,
3.8046

241.5046,

■ 0.2410, 0.0680,

246.1030, 330.3090

1.5188

290.2284,
296.3191, 392.9035

■ 0.0000, 0.0000,
0.2319

■ 0.0000, 0.0000,
0.0000

■ 41.9083, 41.6283,
65.5008

■ 41.9083, 41.6283,
65.5008

■ 34.3996, 32.6666,
64.1675

■ 50.6847, 52.0719,
67.0547

■ 28.0962, 25.1150,
63.0421

■ 60.7793, 64.0550,
68.8357

■ 22.9365, 18.9031,
62.1150

■ 72.2450, 77.6383,
70.8532

■ 18.8519, 13.9526,
61.3747

■ 85.1302, 92.8775,
73.1155

■ 15.7662, 10.1771,
60.8086

■ 88.3853, 97.3341,
73.8042

■ 13.5935, 7.4791,
60.4024

■ 12.2333, 5.7456,
60.1395

■ 11.5360, 4.8257,
59.9987

■ 11.4983, 4.7801,
59.9918

Harmonies

Analogous

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



38.4663, 41.6283, 66.6716



41.9083, 41.6283, 65.5008



44.8769, 41.6283, 58.5196

Triad

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



41.9083, 41.6283, 65.5008



43.9388, 41.6283, 32.2575



33.4002, 41.6283, 42.2196

Complementary

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



41.9083, 41.6283, 65.5008



55.1520, 60.3797, 45.7944

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.



34.6923, 41.6283, 34.2815



41.9083, 41.6283, 65.5008



40.6873, 41.6283, 29.1052

Square

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



41.9083, 41.6283, 65.5008



46.0956, 41.6283, 39.0605



37.3135, 41.6283, 29.7883



33.6850, 41.6283, 52.2283

Rectangle

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



41.9083, 41.6283, 65.5008



46.1245, 41.6283, 52.0028



37.3135, 41.6283, 29.7883



33.6615, 41.6283, 39.2469

Sweetspot

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



41.9096, 41.6300, 65.5017



85.1808, 88.2875, 107.1594



49.7649, 57.8613, 66.5150



18.0124, 18.6361, 22.8977



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.



41.9096, 41.6300, 65.5017



61.3951, 59.9808, 102.9493



45.4768, 42.9161, 65.5620



11.2105, 11.5112, 14.8747



7.1873, 3.0212, 37.3968



0.4189, 0.2030, 2.0967

Inverse Universe

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



47.2718, 44.3185, 44.0949



71.4009, 65.0347, 62.9961



51.0267, 58.9729, 45.7403



11.8324, 11.8177, 12.3931



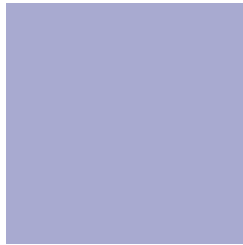
16.2585, 8.3763, 1.0017



0.9177, 0.4718, 0.1013

Previews

White Background



This preview shows how the XYZ color 41.9083, 41.6283, 65.5008 looks on a white background.

Color Contrast Check

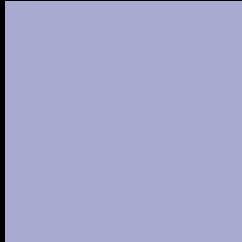
Large Text (above 18pt) WCAG AA × Fail

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 41.9083, 41.6283, 65.5008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

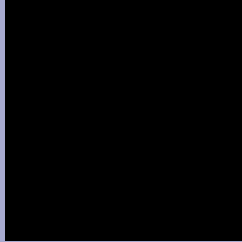
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9083, 41.6283, 65.5008

Background



This preview shows how black text looks on a background with the XYZ color 41.9083, 41.6283, 65.5008.



This preview shows how white text looks on a background with the XYZ color 41.9083, 41.6283,

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

41.9083, 41.6283, 65.5008

Protanopia

41.3814, 41.6218, 66.1744

Deuteranopia

42.5864, 41.7007, 65.4790



Tritanopia

39.4155, 41.7525, 52.9953

Trichromacy



Original Color

41.9083, 41.6283, 65.5008

Protanomaly

41.5886, 41.7286, 66.1841

Deuteranomaly

42.3677, 41.5879, 65.4688

Tritanomaly

40.3109, 41.8266, 57.5785

Monochromacy



Original Color

41.9083, 41.6283, 65.5008

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.8198, 42.2030, 52.4489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9083, 41.6283, 65.5008 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(168, 170, 208)` looks like.

```
.text, #text, p{  
    color:rgb(168, 170, 208)  
}
```

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(168, 170, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 170, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.9083, 41.6283, 65.5008 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(168, 170, 208) }
```


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

```
.border{ border-color:rgb(168, 170, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 170, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 170, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 170, 208);  
box-shadow:4px 4px 4px 4px rgb(168, 170,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9083, 41.6283, 65.5008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 170, 208) }
```

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

```
.background{ background-color: rgb(168,  
170, 208) }
```

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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