

Converting Colors

XYZ(42.1918, 40.8379, 42.2171)

Have a look what the booklet for
XYZ(42.1918, 40.8379, 42.2171)
contains.

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Color

**XYZ(42.1684, 40.9068,
42.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A5A7
RGB	192, 165, 167
RGB Percent	75%, 65%, 65%
CMY	0.2471, 0.3529, 0.3451
CMYK	0.00, 0.14, 0.13, 0.25
HSL	356°, 18%, 70%
HSV	356°, 14%, 75%
XYZ	42.1684, 40.9068, 42.2325
YIQ	173.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

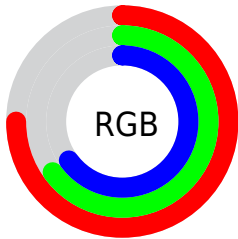
Format	Color
R_{YB}	192, 165, 167
Decimal	12625319
CIE _{Lab}	70.11, 10.18, 2.61
CIE _{LCh}	70, 10.509, 14.380
Yxy	40.9068, 0.3365, 0.3265
Android (android.graphics.Color)	4290815399 (0xFFC0A5A7)
YUV	173.3010, -3.1064, 16.3990
Hunter-Lab	63.9584, 5.7595, 5.6210

Details

The XYZ color **42.1684, 40.9068, 42.2325** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6625, 49.4173, 55.9549**, and the grayscale version is **39.8849, 41.9620, 45.6966**.

A 20% lighter version of the original color is **77.8449, 76.6001, 79.7897**, and **19.4809, 18.4513, 18.7544** is the 20% darker color. If you saturate the color by 10%, you get **37.4297, 33.8812, 33.0933**, and if you desaturate by 10%, it is **47.6553, 49.0663, 52.7371**.

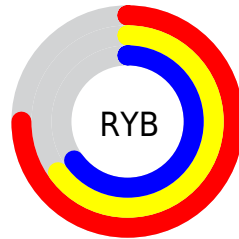
Distribution



Red (75%)

Green (65%)

Blue (65%)



Red (75%)

Yellow (65%)

Blue (65%)

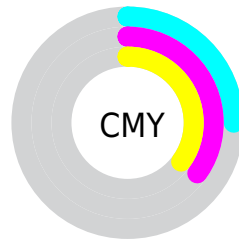


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1684, 40.9068, 42.2325 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 42.1684, 40.9068, 42.2325 by changing the saturation by 10% instead.


 42.1684, 40.9068,
42.2325


 42.1684, 40.9068,
42.2325


346.1603,
349.9309, 371.2739

 29.4249, 28.2463,
28.9565


 77.7180, 76.5424,
79.8253

 19.5484, 18.5114,
18.8026

 101.2548,
100.2862, 104.9791

 12.1735, 11.3178,
11.3524

129.1200,
128.4933, 134.9292

 6.9350, 6.2810,
6.1872

161.6790,
161.5480, 170.0942

 3.4675, 3.0167,
2.8886

199.2972,
199.8347, 210.8927

 1.4055, 1.1404,
1.0380

242.3399,

 0.2601, 0.0122,

243.7379, 257.7431

0.0000

291.1725,
293.6418, 311.0640

■ 0.0000, 0.0000,
0.0000

■ 42.1684, 40.9068,
42.2325

■ 42.1684, 40.9068,
42.2325

■ 37.4297, 33.8812,
33.0933

■ 47.6553, 49.0663,
52.7371

■ 33.4035, 27.9341,
25.2609

■ 53.9174, 58.4009,
64.6571

■ 30.0563, 23.0137,
18.6764

■ 60.9842, 68.9565,
78.0435

■ 27.3507, 19.0620,
13.2752

■ 68.8831, 80.7751,
92.9436

■ 25.2455, 16.0148,
8.9871

■ 75.5484, 89.9465,
107.9873

■ 23.6947, 13.8007,
5.7344

■ 22.6457, 12.3370,
3.4292

■ 22.0356, 11.5244,
1.9692

■ 21.8190, 11.2388,
1.4419

Harmonies

Analogous

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



42.1489, 40.9068, 47.1361



42.1684, 40.9068, 42.2325



41.2892, 40.9068, 38.2472

Triad

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



42.1684, 40.9068, 42.2325



36.6162, 40.9068, 38.1167



37.9982, 40.9068, 54.2849

Complementary

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



42.1684, 40.9068, 42.2325



43.6625, 49.4173, 55.9549

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.



36.5677, 40.9068, 51.4890



42.1684, 40.9068, 42.2325



35.7860, 40.9068, 42.0421

Square

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



42.1684, 40.9068, 42.2325



38.0662, 40.9068, 35.9922



35.7685, 40.9068, 46.9312



39.7067, 40.9068, 54.3453

Rectangle

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



42.1684, 40.9068, 42.2325



40.3263, 40.9068, 36.5447



35.7685, 40.9068, 46.9312



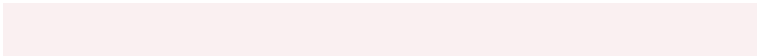
37.4701, 40.9068, 53.6251

Sweetspot

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



42.1695, 40.9086, 42.2334



86.3443, 88.8988, 95.5483



44.1435, 41.6329, 55.5788



18.3513, 18.8150, 20.1691



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.1695, 40.9086, 42.2334



73.5051, 69.8145, 70.9397



44.1053, 45.0733, 41.9750



10.1027, 10.0897, 10.6316



14.6931, 7.5670, 1.0302



0.6454, 0.3312, 0.1003

Inverse Universe

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



42.1695, 40.9086, 42.2334



73.5051, 69.8145, 70.9397



41.5061, 44.7528, 56.3200



10.1027, 10.0897, 10.6316



14.6931, 7.5670, 1.0302



0.6454, 0.3312, 0.1003

Previews

White Background



This preview shows how the XYZ color 42.1684, 40.9068, 42.2325 looks on a white background.

Color Contrast Check

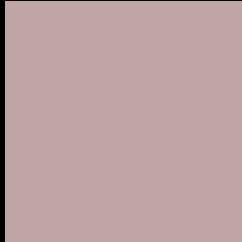
Large Text (above 18pt) WCAG AA × Fail

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 42.1684, 40.9068, 42.2325 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 42.1684, 40.9068, 42.2325

Background



This preview shows how black text looks on a background with the XYZ color 42.1684, 40.9068, 42.2325.



This preview shows how white text looks on a background with the XYZ color 42.1684, 40.9068,

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

42.1684, 40.9068, 42.2325

Protanopia

39.4978, 41.1421, 43.8897

Deuteranopia

41.8465, 41.0096, 42.2693



Tritanopia

43.1043, 41.0230, 46.7207

Trichromacy



Original Color

42.1684, 40.9068, 42.2325

Protanomaly

40.4055, 41.0643, 43.3327

Deuteranomaly

42.0971, 41.1388, 42.2810

Tritanomaly

42.8106, 40.9055, 45.1744

Monochromacy



Original Color

42.1684, 40.9068, 42.2325

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5478, 41.3930, 44.3806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1684, 40.9068, 42.2325 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(192, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 167)  
}
```

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(192, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.1684, 40.9068, 42.2325 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(192, 165, 167) }
```


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

```
.border{ border-color:rgb(192, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1684, 40.9068, 42.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 167) }
```

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

```
.background{ background-color: rgb(192,  
165, 167) }
```

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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