

Converting Colors

XYZ(44.6462, 40.7494, 35.9020)

Have a look what the booklet for
XYZ(44.6462, 40.7494, 35.9020)
contains.

XYZ(44.8092, 40.8310, 36.0913)	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(44.8092, 40.8310,
36.0913)**

Conversions

Conversions Part 1

Format	Color
Hex	D29F9A
RGB	210, 159, 154
RGB Percent	82%, 62%, 60%
CMY	0.1765, 0.3764, 0.3961
CMYK	0.00, 0.24, 0.27, 0.18
HSL	5°, 38%, 71%
HSV	5°, 27%, 82%
XYZ	44.8092, 40.8310, 36.0913
YIQ	173.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

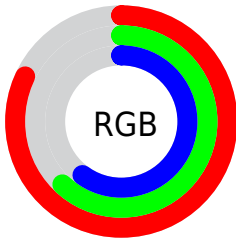
Format	Color
R _Y B	210, 159, 154
Decimal	13803418
CIE Lab	70.06, 18.21, 9.96
CIE LCh	70, 20.756, 28.681
Yxy	40.8310, 0.3681, 0.3354
Android (android.graphics.Color)	4291993498 (0xFFD29F9A)
YUV	173.6790, -9.7017, 31.8535
Hunter-Lab	63.8991, 13.3494, 11.2414

Details

The XYZ color **44.8092, 40.8310, 36.0913** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7899, 55.1841, 69.1585**, and the grayscale version is **40.1050, 42.1936, 45.9488**.

A 20% lighter version of the original color is **76.6717, 73.9072, 69.8990**, and **21.0323, 18.3647, 15.2682** is the 20% darker color. If you saturate the color by 10%, you get **40.1730, 34.1168, 26.6586**, and if you desaturate by 10%, it is **50.2624, 48.6889, 47.3068**.

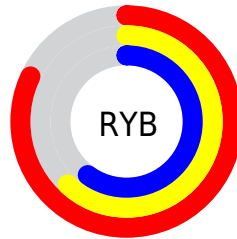
Distribution



Red (82%)

Green (62%)

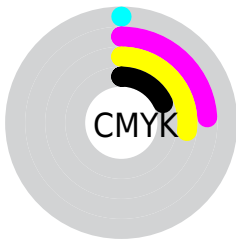
Blue (60%)



Red (82%)

Yellow (62%)

Blue (60%)

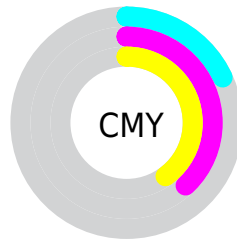


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8092, 40.8310, 36.0913 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 44.8092, 40.8310, 36.0913 by changing the saturation by 10% instead.


 44.8092, 40.8310,
36.0913

 44.8092, 40.8310,
36.0913


356.7970,
349.6138, 344.4089

 31.5078, 28.1871,
24.2145


 81.6729, 76.4273,
70.3436

 21.1396, 18.4667,
15.2791

 105.9658,
100.1484, 93.5561

 13.3391, 11.2856,
8.8667


134.6534,
128.3307, 121.3843

 7.7411, 6.2593,
4.5587

168.1008,
161.3586, 154.2467

 3.9801, 3.0034,
1.9366

206.6735,
199.6165, 192.5618

 1.6909, 1.1335,
0.5159

250.7369,

 0.4506, 0.0063,

243.4887, 236.7482

0.0000

300.6563,
293.3597, 287.2244

■ 0.0000, 0.0000,
0.0000

■ 44.8092, 40.8310,
36.0913

■ 44.8092, 40.8310,
36.0913

■ 40.1730, 34.1168,
26.6586

■ 50.2624, 48.6889,
47.3068

■ 36.3112, 28.4876,
18.9144

■ 56.5659, 57.7344,
60.3878

■ 33.1824, 23.8882,
12.7597

■ 63.7552, 68.0159,
75.4146

■ 30.7400, 20.2559,
8.0841

■ 71.8626, 79.5776,
92.4623

■ 28.9319, 17.5216,
4.7630

■ 80.2681, 92.2011,
108.1737

■ 27.6986, 15.6067,
2.6512

■ 80.3884, 92.4417,
108.2138

■ 26.9674, 14.4183,
1.5627

■ 26.8073, 14.1595,
1.3202

Harmonies

Analogous

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



45.6928, 40.8310, 44.8889



44.8092, 40.8310, 36.0913



42.2945, 40.8310, 30.3479

Triad

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



44.8092, 40.8310, 36.0913



33.5050, 40.8310, 35.4478



38.6589, 40.8310, 65.8410

Complementary

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



44.8092, 40.8310, 36.0913



46.7899, 55.1841, 69.1585

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.



35.5198, 40.8310, 62.3777



44.8092, 40.8310, 36.0913



32.6532, 40.8310, 44.0299

Square

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



44.8092, 40.8310, 36.0913



35.7652, 40.8310, 30.0162



33.3692, 40.8310, 54.0271



42.0200, 40.8310, 62.9175

Rectangle

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



44.8092, 40.8310, 36.0913



40.1014, 40.8310, 28.5580



33.3692, 40.8310, 54.0271



37.5440, 40.8310, 65.3770

Sweetspot

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



44.8103, 40.8329, 36.0921



86.2950, 87.4698, 90.6297



49.1940, 41.2372, 63.3358



18.1398, 18.2479, 18.7104



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.



44.8103, 40.8329, 36.0921



65.2829, 57.2152, 47.3413



50.1111, 51.4345, 37.8591



11.8925, 11.9756, 12.2968



16.3838, 8.7006, 0.8159



0.9461, 0.5465, 0.0556

Inverse Universe

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



46.7899, 55.1841, 69.1585



68.8499, 83.1054, 107.0199



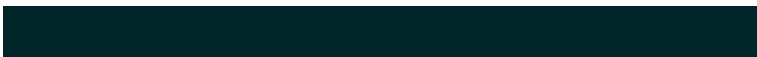
40.7478, 43.0997, 67.1444



12.0643, 13.2188, 15.1593



18.5298, 25.7062, 41.1777



1.0631, 1.4914, 2.3114

Previews

White Background



This preview shows how the XYZ color 44.8092, 40.8310, 36.0913 looks on a white background.

Color Contrast Check

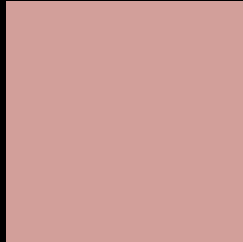
Large Text (above 18pt) WCAG AA × Fail

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 44.8092, 40.8310, 36.0913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

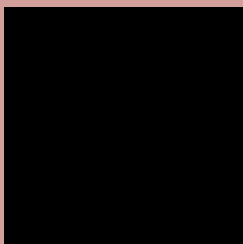
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8092, 40.8310, 36.0913

Background



This preview shows how black text looks on a background with the XYZ color 44.8092, 40.8310, 36.0913.



This preview shows how white text looks on a background with the XYZ color 44.8092, 40.8310,

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

44.8092, 40.8310, 36.0913

Protanopia

39.0395, 41.0110, 39.1160

Deuteranopia

41.7106, 40.8123, 35.8162



Tritanopia

46.3698, 40.9756, 43.0012

Trichromacy



Original Color

44.8092, 40.8310, 36.0913

Protanomaly

40.9765, 40.9249, 38.0873

Deuteranomaly

42.6664, 40.7737, 35.7583

Tritanomaly

45.7917, 40.9829, 40.6190

Monochromacy



Original Color

44.8092, 40.8310, 36.0913

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6565, 41.7308, 42.4185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8092, 40.8310, 36.0913 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(210, 159, 154)` looks like.

```
.text, #text, p{  
    color:rgb(210, 159, 154)  
}
```

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(210, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 159, 154) }
```

Border

The CSS property to change the border of an element to XYZ 44.8092, 40.8310, 36.0913 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(210, 159, 154) }
```


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

```
.border{ border-color:rgb(210, 159, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 159, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 159, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 159, 154);  
box-shadow:4px 4px 4px 4px rgb(210, 159,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8092, 40.8310, 36.0913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 159, 154) }
```

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

```
.background{ background-color: rgb(210,  
159, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor