

Converting Colors

XYZ(24.2154, 16.4989, 8.0392)

Have a look what the booklet for
XYZ(24.2154, 16.4989, 8.0392)
contains.

XYZ(24.2154, 16.4989, 8.0392)	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(24.2154, 16.4989,
8.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4F48
RGB	186, 79, 72
RGB Percent	73%, 31%, 28%
CMY	0.2706, 0.6902, 0.7176
CMYK	0.00, 0.58, 0.61, 0.27
HSL	4°, 45%, 51%
HSV	4°, 61%, 73%
XYZ	24.2154, 16.4989, 8.0392
YIQ	110.1950, 66.0190, 20.5070

Conversions

Conversions Part 2

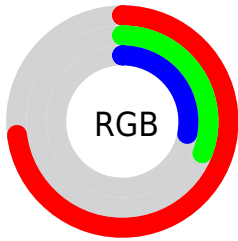
Format	Color
R_{YB}	186, 79, 72
Decimal	12209992
CIE _{Lab}	47.62, 42.74, 25.79
CIE _{LCh}	48, 49.916, 31.109
Yxy	16.4989, 0.4967, 0.3384
Android (android.graphics.Color)	4290400072 (0xFFBA4F48)
YUV	110.1950, -18.8301, 66.4810
Hunter-Lab	40.6188, 35.3319, 16.6986

Details

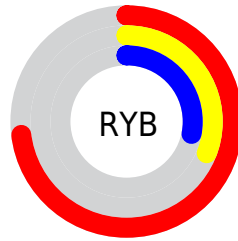
The XYZ color **24.2154, 16.4989, 8.0392** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.6544, 37.1609, 52.1695**, and the grayscale version is **14.9167, 15.6935, 17.0902**.

A 20% lighter version of the original color is **50.0602, 37.6572, 22.7193**, and **9.3096, 5.2911, 1.6292** is the 20% darker color. If you saturate the color by 10%, you get **22.5997, 14.0962, 4.9464**, and if you desaturate by 10%, it is **26.3460, 19.6380, 12.2094**.

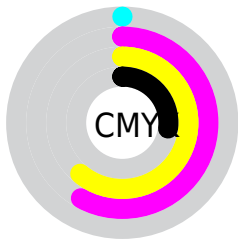
Distribution



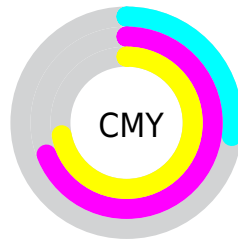
- Red (73%)
- Green (31%)
- Blue (28%)



- Red (73%)
- Yellow (31%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (61%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2154, 16.4989, 8.0392 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 24.2154, 16.4989, 8.0392 by changing the saturation by 10% instead.

■ 24.2154, 16.4989,
8.0392

■ 24.2154, 16.4989,
8.0392

266.3280,
232.2679, 185.9852

■ 15.6191, 9.8779,
4.0319

■ 49.8336, 37.4622,
22.5827

■ 9.3441, 5.3181,
1.6429

■ 67.5862, 52.5732,
33.9560

■ 5.0252, 2.4351,
0.3211

■ 89.1216, 71.2830,
48.6217

■ 2.2970, 0.8438,
0.0000

■ 114.8051, 93.9761,
66.9983

■ 0.7931, 0.0000,
0.0000

■ 145.0022,
121.0367, 89.5045

■ 0.0000, 0.0000,
0.0000

180.0781,

152.8492, 116.5586

220.3982,
189.7982, 148.5794

■ 24.2154, 16.4989,
8.0392

■ 24.2154, 16.4989,
8.0392

■ 22.5997, 14.0962,
4.9464

■ 26.3460, 19.6380,
12.2094

■ 21.4542, 12.3675,
2.8310

■ 29.0291, 23.5641,
17.5430

■ 20.7283, 11.2443,
1.5760

■ 32.2999, 28.3264,
24.1185

■ 20.3743, 10.6884,
0.9892

■ 36.1904, 33.9693,
32.0071

■ 40.7304, 40.5341,
41.2747

■ 45.9478, 48.0594,
51.9829

■ 51.8686, 56.5818,
64.1893

■ 58.5177, 66.1358,
77.9487

■ 65.9186, 76.7542,
93.3127

Harmonies

Analogous

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



25.8959, 16.4989, 17.4941



24.2154, 16.4989, 8.0392



20.1935, 16.4989, 3.9111

Triad

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



24.2154, 16.4989, 8.0392



9.3157, 16.4989, 8.5297



15.8480, 16.4989, 55.3319

Complementary

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



24.2154, 16.4989, 8.0392



27.6544, 37.1609, 52.1695

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.



11.8976, 16.4989, 49.1275



24.2154, 16.4989, 8.0392



8.5837, 16.4989, 18.4432

Square

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



24.2154, 16.4989, 8.0392



11.6604, 16.4989, 4.0854



9.4332, 16.4989, 33.8479



20.5351, 16.4989, 48.2053

Rectangle

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



24.2154, 16.4989, 8.0392



17.0428, 16.4989, 2.9956



9.4332, 16.4989, 33.8479



14.3951, 16.4989, 54.7200

Sweetspot

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



24.2158, 16.4998, 8.0395



67.9338, 64.9533, 62.7737



30.8359, 18.3814, 45.2631



14.4563, 13.5745, 12.7975



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.2158, 16.4998, 8.0395



40.0495, 24.1779, 7.2564



30.0416, 28.1514, 9.9814



9.0477, 9.0984, 9.3862



13.7271, 7.2306, 0.6721



0.4990, 0.2850, 0.0287

Inverse Universe

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



27.6544, 37.1609, 52.1695



46.7550, 64.7650, 94.2381



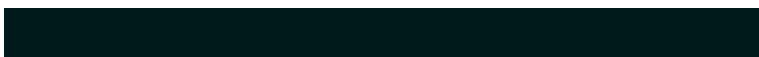
18.6557, 19.1635, 49.1699



9.2182, 10.1135, 11.5457



16.2403, 22.9402, 34.8250



0.5869, 0.8374, 1.2325

Previews

White Background



This preview shows how the XYZ color 24.2154, 16.4989, 8.0392 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 24.2154, 16.4989, 8.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2154, 16.4989, 8.0392

Background



This preview shows how black text looks on a background with the XYZ color 24.2154, 16.4989, 8.0392.



This preview shows how white text looks on a background with the XYZ color 24.2154, 16.4989,

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

24.2154, 16.4989, 8.0392

Protanopia

15.6109, 16.6197, 11.1892

Deuteranopia

16.8569, 16.5336, 7.6130



Tritanopia

24.7087, 16.4971, 10.0656

Trichromacy



Original Color

24.2154, 16.4989, 8.0392

Protanomaly

17.8159, 15.9212, 9.9187

Deuteranomaly

18.8664, 15.9476, 7.7141

Tritanomaly

24.6292, 16.5781, 9.2989

Monochromacy



Original Color

24.2154, 16.4989, 8.0392

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.0544, 15.1715, 13.0959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2154, 16.4989, 8.0392 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(186, 79, 72)` looks like.

```
.text, #text, p{  
    color:rgb(186, 79, 72)  
}
```

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(186, 79, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 79, 72) }
```

Border

The CSS property to change the border of an element to XYZ 24.2154, 16.4989, 8.0392 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(186, 79, 72) }
```


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

```
.border{ border-color:rgb(186, 79, 72) }
```

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

Here you see how a box with a 4 pixel rgb(186, 79, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 79, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 79, 72);  
box-shadow:4px 4px 4px 4px rgb(186, 79,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2154, 16.4989, 8.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 79, 72) }
```

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

```
.background{ background-color: rgb(186, 79,  
72) }
```

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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