

Converting Colors

XYZ(25.4916, 16.8792, 8.8450)

Have a look what the booklet for
XYZ(25.4916, 16.8792, 8.8450)
contains.

XYZ(25.4793, 16.9199, 8.9441)	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(25.4793, 16.9199,
8.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4D4D
RGB	191, 77, 77
RGB Percent	75%, 30%, 30%
CMY	0.2510, 0.6980, 0.6980
CMYK	0.00, 0.60, 0.60, 0.25
HSL	0°, 47%, 53%
HSV	0°, 60%, 75%
XYZ	25.4793, 16.9199, 8.9441
YIQ	111.0860, 67.9440, 24.1680

Conversions

Conversions Part 2

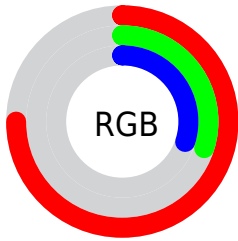
Format	Color
RYB	191, 77, 77
Decimal	12537165
CIELab	48.16, 45.85, 23.68
CIELCh	48, 51.600, 27.315
Yxy	16.9199, 0.4963, 0.3295
Android (android.graphics.Color)	4290727245 (0xFFBF4D4D)
YUV	111.0860, -16.8044, 70.0846
Hunter-Lab	41.1338, 38.5832, 15.9017

Details

The XYZ color **25.4793, 16.9199, 8.9441** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.0940, 42.5982, 55.8735**, and the grayscale version is **15.1684, 15.9584, 17.3786**.

A 20% lighter version of the original color is **51.8934, 38.1671, 24.3706**, and **10.0404, 5.5157, 1.9743** is the 20% darker color. If you saturate the color by 10%, you get **23.7554, 14.3976, 5.5167**, and if you desaturate by 10%, it is **27.7943, 20.3077, 13.5455**.

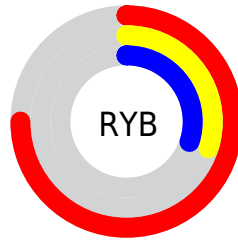
Distribution



Red (75%)

Green (30%)

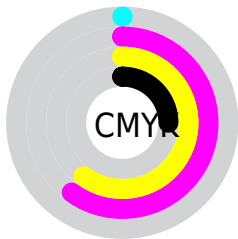
Blue (30%)



Red (75%)

Yellow (30%)

Blue (30%)

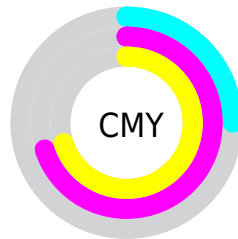


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4793, 16.9199, 8.9441 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 25.4793, 16.9199, 8.9441 by changing the saturation by 10% instead.

■ 25.4793, 16.9199,
8.9441

■ 25.4793, 16.9199,
8.9441

272.5204,
234.7104, 193.1630

■ 16.5651, 10.1774,
4.6084

■ 51.8710, 38.1880,
24.3655

■ 10.0183, 5.5167,
1.9647

■ 70.0793, 53.4824,
36.2884

■ 5.4735, 2.5535,
0.5335

■ 92.1164, 72.3962,
51.5773

■ 2.5652, 0.9034,
0.0000

■ 118.3475, 95.3138,
70.6510

■ 0.9283, 0.0000,
0.0000

■ 149.1382,
122.6197, 93.9278

■ 0.0000, 0.0000,
0.0000

184.8536,

154.6981, 121.8264

225.8592,
191.9335, 154.7653

■ 25.4793, 16.9199,
8.9441

■ 25.4793, 16.9199,
8.9441

■ 23.7554, 14.3976,
5.5167

■ 27.7943, 20.3077,
13.5455

■ 22.5680, 12.6600,
3.1563

■ 30.7459, 24.6269,
19.4132

■ 21.8545, 11.6159,
1.7382

■ 34.3770, 29.9402,
26.6314

■ 21.4957, 11.0909,
1.0251

■ 38.7259, 36.3039,
35.2769

■ 21.4859, 11.0766,
1.0056

■ 43.8285, 43.7704,
45.4207

■ 49.7180, 52.3884,
57.1289

■ 56.4258, 62.2037,
70.4638

■ 63.9814, 73.2597,
85.4843

■ 72.4130, 85.5975,
102.2464

Harmonies

Analogous

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



26.8540, 16.9199, 19.6571



25.4793, 16.9199, 8.9441



21.4494, 16.9199, 4.1284

Triad

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



25.4793, 16.9199, 8.9441



9.6329, 16.9199, 7.7132



15.6639, 16.9199, 58.0389

Complementary

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



25.4793, 16.9199, 8.9441



31.0940, 42.5982, 55.8735

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.



11.6940, 16.9199, 49.7553



25.4793, 16.9199, 8.9441



8.6616, 16.9199, 17.2414

Square

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



25.4793, 16.9199, 8.9441



12.2946, 16.9199, 3.6986



9.3363, 16.9199, 32.9664



20.5765, 16.9199, 52.1343

Rectangle

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



25.4793, 16.9199, 8.9441



18.1407, 16.9199, 2.9809



9.3363, 16.9199, 32.9664



14.1850, 16.9199, 56.7570

Sweetspot

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



25.4797, 16.9208, 8.9444



70.5559, 66.7727, 65.5616



33.5437, 20.1457, 51.4107



14.9469, 13.8630, 13.3103



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.



25.4797, 16.9208, 8.9444



41.7081, 24.5600, 8.2146



31.3505, 28.6624, 10.9013



9.5302, 9.5365, 9.9151



14.1203, 7.2794, 0.6608



0.5531, 0.2852, 0.0259

Inverse Universe

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



31.0940, 42.5982, 55.8735



52.6802, 74.7417, 99.9292



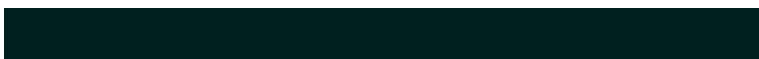
20.9897, 22.3896, 52.5054



9.8086, 10.8095, 12.2417



18.4227, 26.9571, 36.6252



0.7216, 1.0560, 1.4346

Previews

White Background



This preview shows how the XYZ color 25.4793, 16.9199, 8.9441 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 25.4793, 16.9199, 8.9441 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 25.4793, 16.9199, 8.9441

Background



This preview shows how black text looks on a background with the XYZ color 25.4793, 16.9199, 8.9441.



This preview shows how white text looks on a background with the XYZ color 25.4793, 16.9199,

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

25.4793, 16.9199, 8.9441

Protanopia

16.1326, 17.1894, 12.8235

Deuteranopia

17.3607, 17.0958, 8.3460



Tritanopia

25.5555, 16.8393, 9.6880

Trichromacy



Original Color

25.4793, 16.9199, 8.9441

Protanomaly

18.4066, 16.1985, 11.1733

Deuteranomaly

19.6708, 16.4855, 8.4486

Tritanomaly

25.5183, 16.8244, 9.4919

Monochromacy



Original Color

25.4793, 16.9199, 8.9441

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.5292, 15.4000, 13.8530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4793, 16.9199, 8.9441 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(191, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(191, 77, 77)  
}
```

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(191, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 77, 77) }
```

Border

The CSS property to change the border of an element to XYZ 25.4793, 16.9199, 8.9441 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(191, 77, 77) }
```


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

```
.border{ border-color:rgb(191, 77, 77) }
```

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

Here you see how a box with a 4 pixel rgb(191, 77, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(191, 77,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4793, 16.9199, 8.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 77, 77) }
```

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

```
.background{ background-color: rgb(191, 77,  
77) }
```

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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