

Converting Colors

XYZ(31.7094, 25.9958, 19.6359)

Have a look what the booklet for
XYZ(31.7094, 25.9958, 19.6359)
contains.

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Color

**XYZ(31.5492, 25.8772,
19.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	C07873
RGB	192, 120, 115
RGB Percent	75%, 47%, 45%
CMY	0.2471, 0.5294, 0.5490
CMYK	0.00, 0.37, 0.40, 0.25
HSL	4°, 38%, 60%
HSV	4°, 40%, 75%
XYZ	31.5492, 25.8772, 19.5516
YIQ	140.9580, 44.5170, 13.7090

Conversions

Conversions Part 2

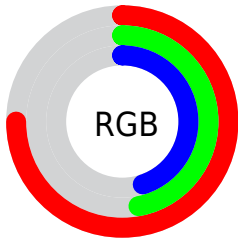
Format	Color
RYB	192, 120, 115
Decimal	12613747
CIELab	57.92, 27.57, 14.62
CIELCh	58, 31.207, 27.927
Yxy	25.8772, 0.4098, 0.3362
Android (android.graphics.Color)	4290803827 (0xFFC07873)
YUV	140.9580, -12.7973, 44.7638
Hunter-Lab	50.8696, 21.6833, 12.8208

Details

The XYZ color **31.5492, 25.8772, 19.5516** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.3542, 42.9894, 56.3563**, and the grayscale version is **25.3379, 26.6575, 29.0300**.

A 20% lighter version of the original color is **61.3430, 53.0012, 43.5563**, and **13.3566, 10.0198, 6.5402** is the 20% darker color. If you saturate the color by 10%, you get **28.5970, 21.5605, 13.6727**, and if you desaturate by 10%, it is **35.1377, 31.0980, 26.7783**.

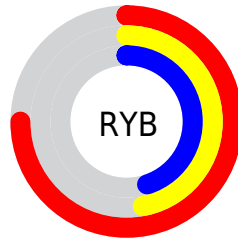
Distribution



Red (75%)

Green (47%)

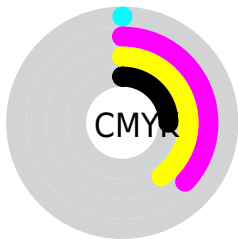
Blue (45%)



Red (75%)

Yellow (47%)

Blue (45%)

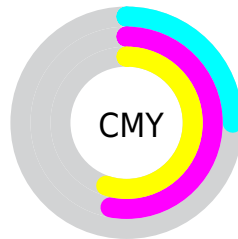


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5492, 25.8772, 19.5516 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 31.5492, 25.8772, 19.5516 by changing the saturation by 10% instead.

■ 31.5492, 25.8772,
19.5516

■ 31.5492, 25.8772,
19.5516

300.8425,
282.1787, 262.0007

■ 21.1713, 16.7318,
11.8887

■ 61.4737, 53.0768,
43.5132

■ 13.3624, 10.0435,
6.5463

■ 81.7510, 71.8997,
60.6489

■ 7.7573, 5.4278,
3.1059

■ 106.0587, 94.7173,
81.7793

■ 3.9905, 2.5004,
1.1490

134.7623,
121.9140, 107.3230

■ 1.6968, 0.8768,
0.0000

168.2272,
153.8740, 137.6984

■ 0.4543, 0.0000,
0.0000

206.8186,

■ 0.0000, 0.0000,

190.9819, 173.3241

0.0000

250.9019,
233.6220, 214.6187

■ 31.5492, 25.8772,
19.5516

■ 31.5492, 25.8772,
19.5516

■ 28.5970, 21.5605,
13.6727

■ 35.1377, 31.0980,
26.7783

■ 26.2419, 18.0930,
9.0567

■ 39.3944, 37.2662,
35.4277

■ 24.4437, 15.4197,
5.6115


■ 44.3518, 44.4268,
45.5706


■ 23.1563, 13.4777,
3.2317


■ 50.0394, 52.6209,
57.2731

■ 22.3262, 12.1944,
1.7932

■ 56.4850, 61.8873,
70.5969

 21.8756, 11.4812,
1.0631

 63.7153, 72.2627,
85.6008

 71.7552, 83.7821,
102.3403

 75.5482, 89.9465,
107.9873

Harmonies

Analogous

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



32.5475, 25.8772, 28.9312



31.5492, 25.8772, 19.5516



28.6360, 25.8772, 14.0250

Triad

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



31.5492, 25.8772, 19.5516



18.9659, 25.8772, 18.5528



24.3350, 25.8772, 54.3333

Complementary

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



31.5492, 25.8772, 19.5516



34.3542, 42.9894, 56.3563

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.



20.9542, 25.8772, 49.6045



31.5492, 25.8772, 19.5516



18.0572, 25.8772, 27.4338

Square

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



31.5492, 25.8772, 19.5516



21.3637, 25.8772, 13.5600



18.7469, 25.8772, 39.0234



28.1378, 25.8772, 50.7041

Rectangle

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



31.5492, 25.8772, 19.5516



26.1382, 25.8772, 12.3959



18.7469, 25.8772, 39.0234



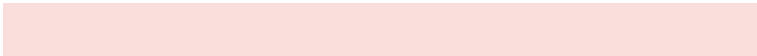
23.1147, 25.8772, 53.6480

Sweetspot

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



31.5499, 25.8785, 19.5521



78.3795, 77.6369, 78.5034



36.9623, 27.1054, 50.9455



16.5535, 16.2782, 16.3059



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.



31.5499, 25.8785, 19.5521



52.4661, 40.0194, 26.0600



36.9491, 36.6770, 21.3518



10.1246, 10.1806, 10.4933



14.7409, 7.7675, 0.7223



0.6554, 0.3726, 0.0374

Inverse Universe

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



34.3542, 42.9894, 56.3563



58.2207, 75.2038, 101.8075



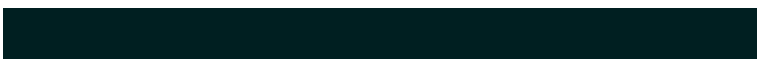
27.4354, 29.1520, 54.0500



10.3107, 11.3127, 12.9250



17.3419, 24.4403, 37.3601



0.7665, 1.0904, 1.6200

Previews

White Background



This preview shows how the XYZ color 31.5492, 25.8772, 19.5516 looks on a white 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

Black Background



This preview shows how the XYZ color 31.5492, 25.8772, 19.5516 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 × Fail

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

XYZ 31.5492, 25.8772, 19.5516

Background



This preview shows how black text looks on a background with the XYZ color 31.5492, 25.8772, 19.5516.



This preview shows how white text looks on a background with the XYZ color 31.5492, 25.8772,

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

31.5492, 25.8772, 19.5516

Protanopia

24.7884, 26.0569, 23.1250

Deuteranopia

26.3500, 25.9014, 18.9399



Tritanopia

32.3015, 25.8266, 23.3612

Trichromacy



Original Color

31.5492, 25.8772, 19.5516

Protanomaly

26.8067, 25.6695, 21.6310

Deuteranomaly

28.0645, 25.7770, 19.1191

Tritanomaly

32.1643, 25.9612, 22.0547

Monochromacy



Original Color

31.5492, 25.8772, 19.5516

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.0496, 25.9146, 25.4061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5492, 25.8772, 19.5516 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, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(192, 120, 115)  
}
```

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, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 120, 115) }
```

Border

The CSS property to change the border of an element to XYZ 31.5492, 25.8772, 19.5516 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, 120, 115) }
```


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

```
.border{ border-color:rgb(192, 120, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 120, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(192, 120,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5492, 25.8772, 19.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 120, 115) }
```

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

```
.background{ background-color: rgb(192,  
120, 115) }
```

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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