

Converting Colors

XYZ(31.1212, 25.4090, 19.4978)

Have a look what the booklet for
XYZ(31.1212, 25.4090, 19.4978)
contains.

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Color

**XYZ(31.1772, 25.5078,
19.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7773
RGB	191, 119, 115
RGB Percent	75%, 47%, 45%
CMY	0.2510, 0.5333, 0.5490
CMYK	0.00, 0.38, 0.40, 0.25
HSL	3°, 37%, 60%
HSV	3°, 40%, 75%
XYZ	31.1772, 25.5078, 19.4999
YIQ	140.0720, 44.1960, 14.0200

Conversions

Conversions Part 2

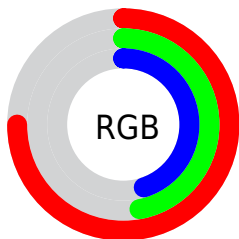
Format	Color
R_{YB}	191, 119, 115
Decimal	12547955
CIE _{Lab}	57.57, 27.73, 14.11
CIE _{LCh}	58, 31.111, 26.962
Yxy	25.5078, 0.4092, 0.3348
Android (android.graphics.Color)	4290738035 (0xFFBF7773)
YUV	140.0720, -12.3605, 44.6639
Hunter-Lab	50.5052, 21.8050, 12.4620

Details

The XYZ color **31.1772, 25.5078, 19.4999** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.2438, 42.9454, 55.7747**, and the grayscale version is **24.9903, 26.2918, 28.6317**.

A 20% lighter version of the original color is **60.7945, 52.4348, 43.4759**, and **13.1329, 9.8124, 6.5120** is the 20% darker color. If you saturate the color by 10%, you get **28.2377, 21.2092, 13.6479**, and if you desaturate by 10%, it is **34.7557, 30.7198, 26.6888**.

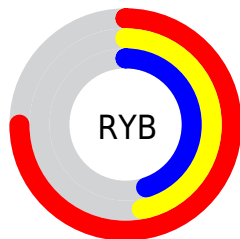
Distribution



Red (75%)

Green (47%)

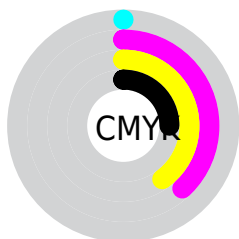
Blue (45%)



Red (75%)

Yellow (47%)

Blue (45%)

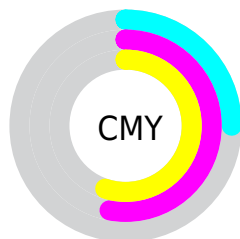


Cyan (0%)

Magenta (38%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1772, 25.5078, 19.4999 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 31.1772, 25.5078, 19.4999 by changing the saturation by 10% instead.


 31.1772, 25.5078,
19.4999


 31.1772, 25.5078,
19.4999


299.1662,
280.3575, 261.7088

 20.8863, 16.4558,
11.8516


 60.8929, 52.4798,
43.4250

 13.1529, 9.8473,
6.5214


 81.0484, 71.1686,
60.5389

 7.6116, 5.2978,
3.0908


 105.2228, 93.8385,
81.6451

 3.8972, 2.4230,
1.1412

133.7815,
120.8738, 107.1620

 1.6441, 0.8377,
0.0000

167.0899,
152.6590, 137.5083

 0.4209, 0.0000,
0.0000

205.5132,

 0.0000, 0.0000,

189.5784, 173.1026

0.0000

249.4168,
232.0164, 214.3632

■ 31.1772, 25.5078,
19.4999

■ 31.1772, 25.5078,
19.4999

■ 28.2377, 21.2092,
13.6479

■ 34.7557, 30.7198,
26.6888

■ 25.8977, 17.7680,
9.0490

■ 39.0056, 36.8897,
35.2886

■ 24.1165, 15.1278,
5.6121


■ 43.9597, 44.0635,
45.3696

■ 22.8473, 13.2238,
3.2332


■ 49.6478, 52.2831,
56.9967


■ 22.0358, 11.9813,
1.7900

■ 56.0980, 61.5881,
70.2315

 21.6014, 11.3040,
1.0549

 63.3372, 72.0160,
85.1316

 21.5951, 11.2948,
1.0419

 71.3908, 83.6026,
101.7523

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



32.0913, 25.5078, 28.8710



31.1772, 25.5078, 19.4999



28.3468, 25.5078, 13.9225

Triad

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



31.1772, 25.5078, 19.4999



18.7408, 25.5078, 18.0550



23.8681, 25.5078, 53.5887

Complementary

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



31.1772, 25.5078, 19.4999



34.2438, 42.9454, 55.7747

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.



20.5583, 25.5078, 48.6703



31.1772, 25.5078, 19.4999



17.7938, 25.5078, 26.7045

Square

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



31.1772, 25.5078, 19.4999



21.1508, 25.5078, 13.2501



18.4240, 25.5078, 38.1083



27.6259, 25.5078, 50.2618

Rectangle

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



31.1772, 25.5078, 19.4999



25.8902, 25.5078, 12.2423



18.4240, 25.5078, 38.1083



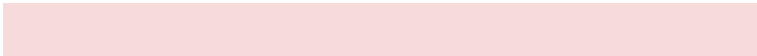
22.6699, 25.5078, 52.8204

Sweetspot

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



31.1779, 25.5091, 19.5004



76.4849, 75.6666, 76.6760



36.6078, 26.9345, 50.3955



16.5307, 16.2326, 16.2982



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.



31.1779, 25.5091, 19.5004



51.0656, 38.7066, 25.4171



36.6037, 36.3607, 21.3090



9.5694, 9.6148, 9.9281



14.2106, 7.4601, 0.6910



0.5706, 0.3201, 0.0317

Inverse Universe

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



34.2438, 42.9454, 55.7747



57.3218, 74.3411, 99.6072



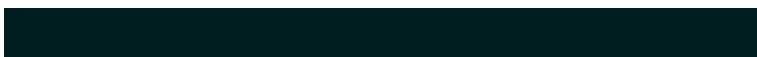
27.2535, 28.9649, 53.4446



9.7644, 10.7210, 12.2269



17.0499, 24.2114, 36.1676



0.6811, 0.9750, 1.4211

Previews

White Background



This preview shows how the XYZ color 31.1772, 25.5078, 19.4999 looks on a white background.

Color Contrast Check

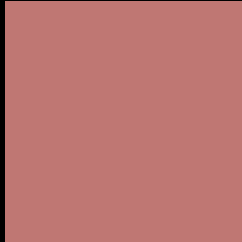
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1772, 25.5078, 19.4999 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 31.1772, 25.5078, 19.4999

Background



This preview shows how black text looks on a background with the XYZ color 31.1772, 25.5078, 19.4999.



This preview shows how white text looks on a background with the XYZ color 31.1772, 25.5078,

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

31.1772, 25.5078, 19.4999

Protanopia

24.2917, 25.5869, 23.0605

Deuteranopia

26.0101, 25.5220, 18.8846



Tritanopia

31.8654, 25.4354, 22.9687

Trichromacy



Original Color

31.1772, 25.5078, 19.4999

Protanomaly

26.2654, 25.1901, 21.5670

Deuteranomaly

27.7131, 25.4013, 19.0651

Tritanomaly

31.7295, 25.5685, 21.6752

Monochromacy



Original Color

31.1772, 25.5078, 19.4999

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.6461, 25.5122, 24.9927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1772, 25.5078, 19.4999 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, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 119, 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(191, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 119, 115) }
```

Border

The CSS property to change the border of an element to XYZ 31.1772, 25.5078, 19.4999 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, 119, 115) }
```


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

```
.border{ border-color:rgb(191, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 119,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1772, 25.5078, 19.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 119, 115) }
```

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

```
.background{ background-color: rgb(191,  
119, 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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