

Converting Colors

XYZ(31.9959, 25.8998, 20.9699)

Have a look what the booklet for
XYZ(31.9959, 25.8998, 20.9699)
contains.

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Color

**XYZ(31.9793, 25.8872,
21.0805)**

Conversions

Conversions Part 1

Format	Color
Hex	C17778
RGB	193, 119, 120
RGB Percent	76%, 47%, 47%
CMY	0.2431, 0.5333, 0.5294
CMYK	0.00, 0.38, 0.38, 0.24
HSL	359°, 37%, 61%
HSV	359°, 38%, 76%
XYZ	31.9793, 25.8872, 21.0805
YIQ	141.2400, 43.7830, 15.9990

Conversions

Conversions Part 2

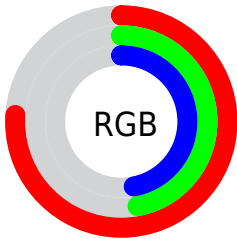
Format	Color
R_{YB}	193, 119, 120
Decimal	12679032
CIE Lab	57.93, 29.10, 11.76
CIE LCh	58, 31.386, 22.014
Yxy	25.8872, 0.4051, 0.3279
Android (android.graphics.Color)	4290869112 (0xFFC17778)
YUV	141.2400, -10.4713, 45.3935
Hunter-Lab	50.8795, 23.1536, 11.0505

Details

The XYZ color **31.9793, 25.8872, 21.0805** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.1934, 45.8682, 56.8177**, and the grayscale version is **25.4401, 26.7649, 29.1470**.

A 20% lighter version of the original color is **61.9826, 52.9928, 45.9915**, and **13.6143, 10.0425, 7.3517** is the 20% darker color. If you saturate the color by 10%, you get **28.8683, 21.3342, 14.8981**, and if you desaturate by 10%, it is **35.7879, 31.4675, 28.6295**.

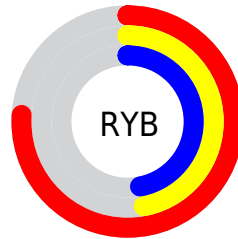
Distribution



Red (76%)

Green (47%)

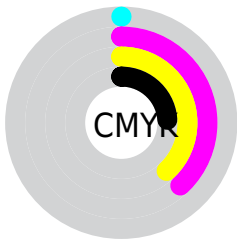
Blue (47%)



Red (76%)

Yellow (47%)

Blue (47%)

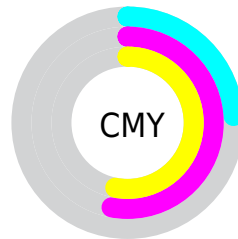


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (24%)



Cyan (24%)


Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9793, 25.8872, 21.0805 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 31.9793, 25.8872, 21.0805 by changing the saturation by 10% instead.


 31.9793, 25.8872,
21.0805


 31.9793, 25.8872,
21.0805


302.7719,
282.2279, 270.5011


 21.5012, 16.7393,
12.9910


 62.1440, 53.0929,
46.1040

 13.6054, 10.0488,
7.2917

 82.5614, 71.9195,
63.8751

 7.9266, 5.4313,
3.5640


 107.0225, 94.7411,
85.7105

 4.0994, 2.5025,
1.3893

135.8927,
121.9421, 112.0288

 1.7585, 0.8779,
0.1334

169.5374,
153.9068, 143.2485

 0.4925, 0.0000,
0.0000

208.3219,

 0.0000, 0.0000,

191.0198, 179.7880

0.0000

252.6116,
233.6654, 222.0661

■ 31.9793, 25.8872,
21.0805

■ 31.9793, 25.8872,
21.0805

■ 28.8683, 21.3342,
14.8981

■ 35.7879, 31.4675,
28.6295

■ 26.4107, 17.7423,
9.9993

■ 40.3305, 38.1282,
37.6184

■ 24.5605, 15.0437,
6.2943


■ 45.6437, 45.9236,
48.1172


■ 23.2650, 13.1602,
3.6810


■ 51.7609, 54.9029,
60.1907


■ 22.4623, 12.0001,
2.0407


■ 58.7134, 65.1128,
73.9001

 22.0586, 11.4196,
1.2070

 66.5312, 76.5972,
89.3032

 22.0065, 11.3431,
1.1041

 75.2424, 89.3979,
106.4552

 75.8023, 90.0774,
107.9992

Harmonies

Analogous

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



32.5297, 25.8872, 31.1796



31.9793, 25.8872, 21.0805



29.3563, 25.8872, 14.7551

Triad

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



31.9793, 25.8872, 21.0805



19.3083, 25.8872, 17.2159



23.6087, 25.8872, 54.2425

Complementary

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



31.9793, 25.8872, 21.0805



36.1934, 45.8682, 56.8177

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.



20.3962, 25.8872, 47.9879



31.9793, 25.8872, 21.0805



18.0848, 25.8872, 25.3918

Square

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



31.9793, 25.8872, 21.0805



21.9793, 25.8872, 12.9548



18.4616, 25.8872, 36.7336



27.4319, 25.8872, 52.2317

Rectangle

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



31.9793, 25.8872, 21.0805



26.9189, 25.8872, 12.6590



18.4616, 25.8872, 36.7336



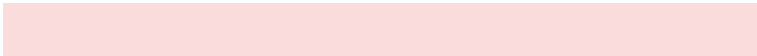
22.4277, 25.8872, 52.9904

Sweetspot

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



31.9800, 25.8885, 21.0810



77.9187, 76.6298, 78.6136



37.9023, 28.2212, 53.9016



16.4460, 16.0433, 16.3315



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.



31.9800, 25.8885, 21.0810



52.5240, 39.4100, 28.3150



37.0054, 36.0355, 22.4596



10.0786, 10.0800, 10.5043



14.6393, 7.5455, 0.7469



0.6345, 0.3268, 0.0424

Inverse Universe

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



31.9800, 25.8885, 21.0810



52.5240, 39.4100, 28.3150



29.3310, 31.9664, 55.0762



10.0786, 10.0800, 10.5043



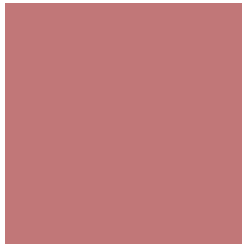
14.6393, 7.5455, 0.7469



0.6345, 0.3268, 0.0424

Previews

White Background



This preview shows how the XYZ color 31.9793, 25.8872, 21.0805 looks on a white background.

Color Contrast Check

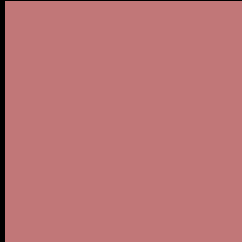
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9793, 25.8872, 21.0805 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 31.9793, 25.8872, 21.0805

Background



This preview shows how black text looks on a background with the XYZ color 31.9793, 25.8872, 21.0805.



This preview shows how white text looks on a background with the XYZ color 31.9793, 25.8872,

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

31.9793, 25.8872, 21.0805

Protanopia

24.7635, 26.0062, 24.8336

Deuteranopia

26.4339, 25.9116, 20.4378



Tritanopia

32.5573, 25.9585, 23.3732

Trichromacy



Original Color

31.9793, 25.8872, 21.0805

Protanomaly

26.9175, 25.6903, 23.2787

Deuteranomaly

28.3539, 25.8928, 20.6429

Tritanomaly

32.3647, 25.8814, 22.3586

Monochromacy



Original Color

31.9793, 25.8872, 21.0805

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.1184, 25.9421, 25.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9793, 25.8872, 21.0805 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(193, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(193, 119, 120)  
}
```

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(193, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 119, 120) }
```

Border

The CSS property to change the border of an element to XYZ 31.9793, 25.8872, 21.0805 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(193, 119, 120) }
```


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

```
.border{ border-color:rgb(193, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(193, 119,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9793, 25.8872, 21.0805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 119, 120) }
```

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

```
.background{ background-color: rgb(193,  
119, 120) }
```

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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