

Converting Colors

XYZ(31.9716, 25.8905, 20.7676)

Have a look what the booklet for
XYZ(31.9716, 25.8905, 20.7676)
contains.

XYZ(31.9189, 25.8630, 20.7625)	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(31.9189, 25.8630,
20.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	C17777
RGB	193, 119, 119
RGB Percent	76%, 47%, 47%
CMY	0.2431, 0.5333, 0.5333
CMYK	0.00, 0.38, 0.38, 0.24
HSL	0°, 37%, 61%
HSV	0°, 38%, 76%
XYZ	31.9189, 25.8630, 20.7625
YIQ	141.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

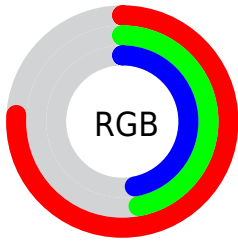
Format	Color
R _Y B	193, 119, 119
Decimal	12679031
CIE Lab	57.91, 28.98, 12.31
CIE LCh	58, 31.484, 23.015
Yxy	25.8630, 0.4064, 0.3293
Android (android.graphics.Color)	4290869111 (0xFFC17777)
YUV	141.1260, -10.9081, 45.4935
Hunter-Lab	50.8557, 23.0357, 11.3931

Details

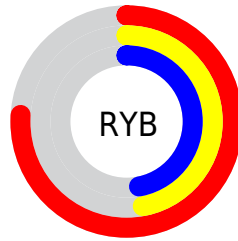
The XYZ color **31.9189, 25.8630, 20.7625** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.3025, 45.9102, 57.4003**, and the grayscale version is **25.3968, 26.7194, 29.0974**.

A 20% lighter version of the original color is **61.8869, 52.9546, 45.4875**, and **13.5820, 10.0295, 7.1813** is the 20% darker color. If you saturate the color by 10%, you get **28.8072, 21.3099, 14.5757**, and if you desaturate by 10%, it is **35.7337, 31.4455, 28.3453**.

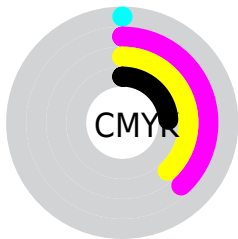
Distribution



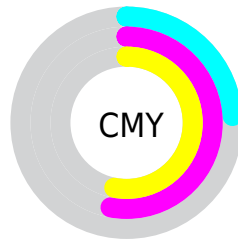
- Red (76%)
- Green (47%)
- Blue (47%)



- 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 31.9189, 25.8630, 20.7625 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 31.9189, 25.8630, 20.7625 by changing the saturation by 10% instead.

■ 31.9189, 25.8630,
20.7625

■ 31.9189, 25.8630,
20.7625

302.5015,
282.1089, 268.7531

■ 21.4548, 16.7212,
12.7610

■ 62.0500, 53.0538,
45.5676

■ 13.5712, 10.0359,
7.1354

■ 82.4477, 71.8717,
63.2082

■ 7.9027, 5.4228,
3.4672

■ 106.8873, 94.6836,
84.8989

■ 4.0841, 2.4974,
1.3378

135.7342,
121.8741, 111.0583

■ 1.7498, 0.8753,
0.0925

169.3537,
153.8274, 142.1049

■ 0.4871, 0.0000,
0.0000

208.1112,

■ 0.0000, 0.0000,

190.9281, 178.4571

0.0000

252.3720,
233.5604, 220.5337

■ 31.9189, 25.8630,
20.7625

■ 31.9189, 25.8630,
20.7625

■ 28.8072, 21.3099,
14.5757

■ 35.7337, 31.4455,
28.3453

■ 26.3537, 17.7198,
9.6986

■ 40.2888, 38.1108,
37.4006

■ 24.5119, 15.0246,
6.0373


■ 45.6210, 45.9133,
48.0009


■ 23.2279, 13.1457,
3.4850


■ 51.7642, 54.9026,
60.2135

■ 22.4388, 11.9909,
1.9164


■ 58.7504, 65.1252,
74.1019

 22.0447, 11.4142,
1.1332

 66.6096, 76.6254,
89.7260

 21.9924, 11.3377,
1.0293

 75.3705, 89.4450,
107.1428

 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.



32.5491, 25.8630, 30.7758



31.9189, 25.8630, 20.7625



29.2326, 25.8630, 14.5612

Triad

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



31.9189, 25.8630, 20.7625



19.2076, 25.8630, 17.3770



23.7063, 25.8630, 54.3751

Complementary

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



31.9189, 25.8630, 20.7625



36.3025, 45.9102, 57.4003

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.



20.4528, 25.8630, 48.3410



31.9189, 25.8630, 20.7625



18.0342, 25.8630, 25.6975

Square

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



31.9189, 25.8630, 20.7625



21.8412, 25.8630, 12.9864



18.4655, 25.8630, 37.1350



27.5431, 25.8630, 52.0723

Rectangle

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



31.9189, 25.8630, 20.7625



26.7731, 25.8630, 12.5433



18.4655, 25.8630, 37.1350



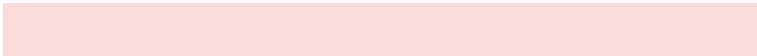
22.5138, 25.8630, 53.2119

Sweetspot

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



31.9196, 25.8643, 20.7630



77.8657, 76.6093, 78.3322



38.2149, 28.3816, 53.9161



16.4337, 16.0385, 16.2659



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.



31.9196, 25.8643, 20.7630



52.4153, 39.3680, 27.7379



37.2107, 36.4465, 22.5267



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



36.3025, 45.9102, 57.4003



61.3751, 80.3472, 102.6340



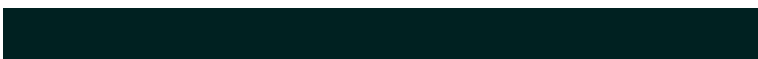
29.1220, 31.5493, 55.0068



10.3685, 11.4284, 12.9442



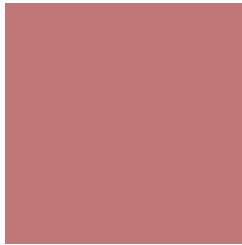
19.0843, 27.9252, 37.9409



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 31.9189, 25.8630, 20.7625 looks on a white background.

Color Contrast Check

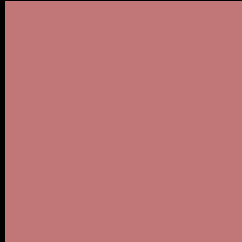
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9189, 25.8630, 20.7625 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 31.9189, 25.8630, 20.7625

Background



This preview shows how black text looks on a background with the XYZ color 31.9189, 25.8630, 20.7625.



This preview shows how white text looks on a background with the XYZ color 31.9189, 25.8630,

20.7625.

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

31.9189, 25.8630, 20.7625

Protanopia

24.6967, 25.9795, 24.4818

Deuteranopia

26.3754, 25.8882, 20.1298



Tritanopia

32.5573, 25.9585, 23.3732

Trichromacy



Original Color

31.9189, 25.8630, 20.7625

Protanomaly

26.8532, 25.6646, 22.9405

Deuteranomaly

28.2947, 25.8691, 20.3316

Tritanomaly

32.3647, 25.8814, 22.3586

Monochromacy



Original Color

31.9189, 25.8630, 20.7625

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 31.9189, 25.8630, 20.7625 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, 119)` looks like.

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

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, 119) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 31.9189, 25.8630, 20.7625 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, 119) }
```


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

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

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, 119)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 31.9189, 25.8630, 20.7625 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, 119) }
```

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

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

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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