

Converting Colors

XYZ(31.6309, 28.2147, 25.2075)

Have a look what the booklet for
XYZ(31.6309, 28.2147, 25.2075)
contains.

XYZ(31.7757, 28.3588, 25.2718)	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(31.7757, 28.3588,
25.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	B68583
RGB	182, 133, 131
RGB Percent	71%, 52%, 51%
CMY	0.2863, 0.4784, 0.4863
CMYK	0.00, 0.27, 0.28, 0.29
HSL	2°, 26%, 61%
HSV	2°, 28%, 71%
XYZ	31.7757, 28.3588, 25.2718
YIQ	147.4230, 29.8460, 9.7660

Conversions

Conversions Part 2

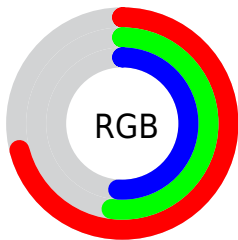
Format	Color
RYB	182, 133, 131
Decimal	11961731
CIELab	60.21, 18.52, 8.49
CIELCh	60, 20.375, 24.621
Yxy	28.3588, 0.3721, 0.3320
Android (android.graphics.Color)	4290151811 (0xFFB68583)
YUV	147.4230, -8.0965, 30.3240
Hunter-Lab	53.2530, 13.3170, 9.1404

Details

The XYZ color **31.7757, 28.3588, 25.2718** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1245, 40.8442, 50.3414**, and the grayscale version is **27.9328, 29.3875, 32.0030**.

A 20% lighter version of the original color is **61.8072, 56.9292, 53.0782**, and **13.5183, 11.3849, 9.4677** is the 20% darker color. If you saturate the color by 10%, you get **28.4511, 23.5132, 18.6031**, and if you desaturate by 10%, it is **35.7170, 34.0908, 33.2157**.

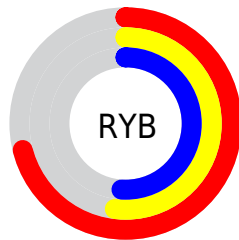
Distribution



Red (71%)

Green (52%)

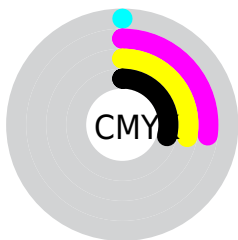
Blue (51%)



Red (71%)

Yellow (52%)

Blue (51%)

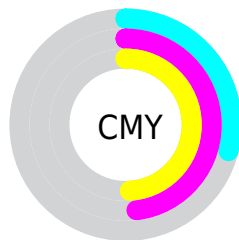


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7757, 28.3588, 25.2718 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 31.7757, 28.3588, 25.2718 by changing the saturation by 10% instead.


 31.7757, 28.3588,
25.2718


 31.7757, 28.3588,
25.2718


301.8597,
294.1774, 292.6797

 21.3449, 18.5963,
16.0588


 61.8269, 57.0568,
53.0674

 13.4903, 11.3789,
9.4110


 82.1780, 76.7610,
72.4871

 7.8463, 6.3223,
4.9097


 106.5666,
100.5480, 96.1461

 4.0478, 3.0420,
2.1366

135.3581,
128.8021, 124.4629

 1.7292, 1.1537,
0.6374

168.9178,
161.9077, 157.8562

 0.4744, 0.0234,
0.0000

207.6110,

 0.0000, 0.0000,

200.2492, 196.7444

0.0000

251.8032,
244.2110, 241.5460

■ 31.7757, 28.3588,
25.2718

■ 31.7757, 28.3588,
25.2718

■ 28.4511, 23.5132,
18.6031

■ 35.7170, 34.0908,
33.2157

■ 25.7099, 19.5059,
13.1416

■ 40.3017, 40.7459,
42.4946

■ 23.5190, 16.2906,
8.8156

■ 45.5574, 48.3640,
53.1665

■ 21.8414, 13.8148,
5.5452

■ 51.5097, 56.9811,
65.2855

■ 20.6352, 12.0196,
3.2400

■ 58.1828, 66.6316,
78.9028

■ 19.8519, 10.8373,
1.7945

■ 65.5995, 77.3481,
94.0673

■ 19.4265, 10.1835,
1.0451

■ 73.1015, 88.6851,
107.8728

■ 19.3691, 10.1003,
0.9287

Harmonies

Analogous

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



32.2624, 28.3588, 32.2441



31.7757, 28.3588, 25.2718



29.9636, 28.3588, 20.5845

Triad

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



31.7757, 28.3588, 25.2718



23.0681, 28.3588, 23.2856



26.4868, 28.3588, 47.5004

Complementary

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



31.7757, 28.3588, 25.2718



34.1245, 40.8442, 50.3414

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.



24.1533, 28.3588, 44.1328



31.7757, 28.3588, 25.2718



22.2627, 28.3588, 29.5509

Square

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



31.7757, 28.3588, 25.2718



24.9181, 28.3588, 19.5739



22.6469, 28.3588, 37.2572



29.0982, 28.3588, 45.8635

Rectangle

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



31.7757, 28.3588, 25.2718



28.3063, 28.3588, 18.9955



22.6469, 28.3588, 37.2572



25.6458, 28.3588, 46.9018

Sweetspot

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



31.7765, 28.3601, 25.2724



72.9649, 73.7246, 76.8365



35.6768, 29.4856, 47.1516



15.8226, 15.8583, 16.3767



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.7765, 28.3601, 25.2724



53.5364, 45.4812, 37.6405



35.6495, 36.1061, 26.5634



9.0321, 9.0672, 9.3810



13.6897, 7.1557, 0.6597



0.4922, 0.2715, 0.0265

Inverse Universe

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



34.1245, 40.8442, 50.3414



58.5369, 72.0788, 91.0631



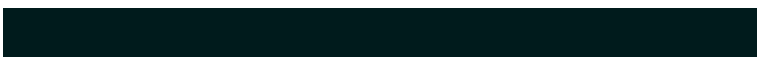
29.4920, 31.5792, 48.7972



9.2356, 10.1485, 11.5515



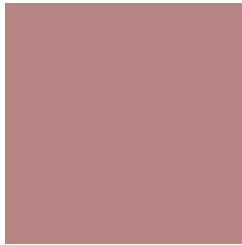
16.7799, 24.0194, 35.0049



0.6009, 0.8656, 1.2371

Previews

White Background



This preview shows how the XYZ color 31.7757, 28.3588, 25.2718 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 31.7757, 28.3588, 25.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

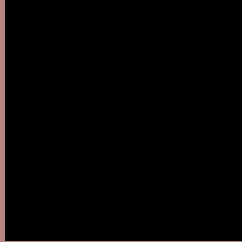
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7757, 28.3588, 25.2718

Background



This preview shows how black text looks on a background with the XYZ color 31.7757, 28.3588, 25.2718.



This preview shows how white text looks on a background with the XYZ color 31.7757, 28.3588,

25.2718.

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

31.7757, 28.3588, 25.2718

Protanopia

27.2184, 28.5410, 27.7413

Deuteranopia

28.9244, 28.3672, 25.0700



Tritanopia

32.4525, 28.2230, 28.9364

Trichromacy



Original Color

31.7757, 28.3588, 25.2718

Protanomaly

28.7983, 28.4804, 26.9011

Deuteranomaly

29.7695, 28.1610, 24.9857

Tritanomaly

32.2951, 28.3760, 27.4419

Monochromacy



Original Color

31.7757, 28.3588, 25.2718

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.9779, 28.7427, 29.2199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7757, 28.3588, 25.2718 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(182, 133, 131)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 131)  
}
```

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(182, 133, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 131) }
```

Border

The CSS property to change the border of an element to XYZ 31.7757, 28.3588, 25.2718 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(182, 133, 131) }
```


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

```
.border{ border-color:rgb(182, 133, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7757, 28.3588, 25.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 131) }
```

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

```
.background{ background-color: rgb(182,  
133, 131) }
```

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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