

Converting Colors

XYZ(31.6394, 28.0863, 25.2264)

Have a look what the booklet for
XYZ(31.6394, 28.0863, 25.2264)
contains.

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Color

**XYZ(31.6394, 28.0863,
25.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	B68483
RGB	182, 132, 131
RGB Percent	71%, 52%, 51%
CMY	0.2863, 0.4823, 0.4863
CMYK	0.00, 0.27, 0.28, 0.29
HSL	1°, 26%, 61%
HSV	1°, 28%, 71%
XYZ	31.6394, 28.0863, 25.2264
YIQ	146.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

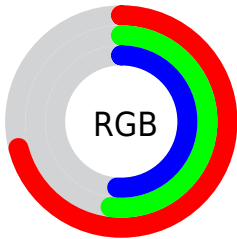
Format	Color
RYB	182, 132, 131
Decimal	11961475
CIELab	59.97, 19.08, 8.14
CIELCh	60, 20.745, 23.103
Yxy	28.0863, 0.3724, 0.3306
Android (android.graphics.Color)	4290151555 (0xFFB68483)
YUV	146.8360, -7.8071, 30.8388
Hunter-Lab	52.9965, 13.8222, 8.8754

Details

The XYZ color **31.6394, 28.0863, 25.2264** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.3270, 41.2492, 50.4087**, and the grayscale version is **27.6886, 29.1305, 31.7231**.

A 20% lighter version of the original color is **61.5973, 56.5093, 53.0083**, and **13.4424, 11.2330, 9.4423** is the 20% darker color. If you saturate the color by 10%, you get **28.2966, 23.2043, 18.5516**, and if you desaturate by 10%, it is **35.6142, 33.8852, 33.1815**.

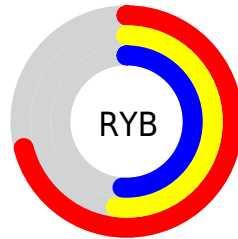
Distribution



Red (71%)

Green (52%)

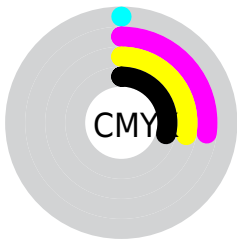
Blue (51%)



Red (71%)

Yellow (52%)

Blue (51%)

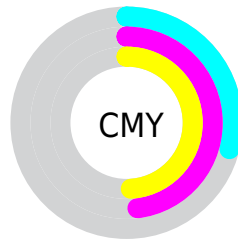


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6394, 28.0863, 25.2264 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 31.6394, 28.0863, 25.2264 by changing the saturation by 10% instead.


 31.6394, 28.0863,
25.2264


 31.6394, 28.0863,
25.2264

301.2479,
292.8791, 292.4472


 21.2404, 18.3907,
16.0253


 61.6144, 56.6222,
52.9929

 13.4133, 11.2309,
9.3875


 81.9211, 76.2313,
72.3954

 7.7927, 6.2223,
4.8945

 106.2611, 99.9137,
96.0354

 4.0133, 2.9807,
2.1279

134.9997,
128.0538, 124.3315

 1.7097, 1.1217,
0.6323

168.5024,
161.0360, 157.7022

 0.4623, 0.0000,
0.0000

207.1344,

 0.0000, 0.0000,

199.2447, 196.5660

0.0000

251.2611,
243.0642, 241.3415

■ 31.6394, 28.0863,
25.2264

■ 31.6394, 28.0863,
25.2264

■ 28.2966, 23.2043,
18.5516

■ 35.6142, 33.8852,
33.1815

■ 25.5511, 19.1885,
13.0887

■ 40.2488, 40.6403,
42.4770

■ 23.3685, 15.9896,
8.7655

■ 45.5721, 48.3936,
53.1714

■ 21.7097, 13.5515,
5.5013

■ 51.6107, 57.1831,
65.3191

■ 20.5309, 11.8112,
3.2053

■ 58.3895, 67.0452,
78.9717

■ 19.7810, 10.6955,
1.7709

■ 65.9325, 78.0142,
94.1781

■ 19.3884, 10.1074,
1.0324

■ 73.1015, 88.6851,
107.8728

■ 19.3303, 10.0228,
0.9158

Harmonies

Analogous

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



32.0558, 28.0863, 32.3596



31.6394, 28.0863, 25.2264



29.8588, 28.0863, 20.3702

Triad

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



31.6394, 28.0863, 25.2264



22.8396, 28.0863, 22.6603



26.0905, 28.0863, 47.3946

Complementary

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



31.6394, 28.0863, 25.2264



34.3270, 41.2492, 50.4087

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.



23.7633, 28.0863, 43.7362



31.6394, 28.0863, 25.2264



21.9682, 28.0863, 28.8692

Square

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



31.6394, 28.0863, 25.2264



24.7534, 28.0863, 19.0680



22.2949, 28.0863, 36.6447



28.7360, 28.0863, 45.9888

Rectangle

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



31.6394, 28.0863, 25.2264



28.1972, 28.0863, 18.6780



22.2949, 28.0863, 36.6447



25.2474, 28.0863, 46.6987

Sweetspot

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



31.6402, 28.0876, 25.2270



72.8680, 73.5309, 76.8042



35.7638, 29.5204, 47.6100



15.7977, 15.8086, 16.3684



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.



31.6402, 28.0876, 25.2270



53.2648, 44.9380, 37.5499



35.5046, 35.8166, 26.5151



9.0184, 9.0398, 9.3764



13.6566, 7.0896, 0.6486



0.4862, 0.2596, 0.0245

Inverse Universe

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



34.3270, 41.2492, 50.4087



58.9889, 72.9828, 91.2138



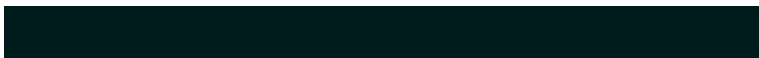
29.6337, 31.8627, 48.8443



9.2511, 10.1795, 11.5567



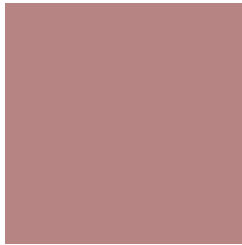
17.2705, 25.0007, 35.1684



0.6137, 0.8910, 1.2414

Previews

White Background



This preview shows how the XYZ color 31.6394, 28.0863, 25.2264 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 31.6394, 28.0863, 25.2264 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 31.6394, 28.0863, 25.2264

Background



This preview shows how black text looks on a background with the XYZ color 31.6394, 28.0863, 25.2264.



This preview shows how white text looks on a background with the XYZ color 31.6394, 28.0863,

25.2264.

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

31.6394, 28.0863, 25.2264

Protanopia

26.9551, 28.1711, 28.0616

Deuteranopia

28.7172, 28.2604, 25.0603



Tritanopia

32.4525, 28.2230, 28.9364

Trichromacy



Original Color

31.6394, 28.0863, 25.2264

Protanomaly

28.4492, 28.0825, 26.8427

Deuteranomaly

29.7695, 28.1610, 24.9857

Tritanomaly

32.1601, 28.1060, 27.3969

Monochromacy



Original Color

31.6394, 28.0863, 25.2264

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 31.6394, 28.0863, 25.2264 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, 132, 131)` looks like.

```
.text, #text, p{  
    color:rgb(182, 132, 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, 132, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 131) }
```

Border

The CSS property to change the border of an element to XYZ 31.6394, 28.0863, 25.2264 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, 132, 131) }
```


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

```
.border{ border-color:rgb(182, 132, 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, 132, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6394, 28.0863, 25.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 132, 131) }
```

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

```
.background{ background-color: rgb(182,  
132, 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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