

Converting Colors

XYZ(31.6517, 28.1725, 30.6215)

Have a look what the booklet for
XYZ(31.6517, 28.1725, 30.6215)
contains.

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Color

**XYZ(31.6298, 28.1665,
30.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	B18591
RGB	177, 133, 145
RGB Percent	69%, 52%, 57%
CMY	0.3059, 0.4784, 0.4314
CMYK	0.00, 0.25, 0.18, 0.31
HSL	344°, 22%, 61%
HSV	344°, 25%, 69%
XYZ	31.6298, 28.1665, 30.5577
YIQ	147.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

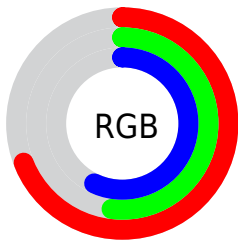
Format	Color
RYB	177, 133, 145
Decimal	11634065
CIELab	60.04, 18.74, 0.16
CIElCh	60, 18.736, 0.484
Yxy	28.1665, 0.3501, 0.3117
Android (android.graphics.Color)	4289824145 (0xFFB18591)
YUV	147.5240, -1.2443, 25.8505
Hunter-Lab	53.0721, 13.5058, 3.0127

Details

The XYZ color **31.6298, 28.1665, 30.5577** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.1877, 39.1481, 41.4590**, and the grayscale version is **27.9494, 29.4049, 32.0220**.

A 20% lighter version of the original color is **61.4720, 56.5650, 61.7110**, and **13.4710, 11.2978, 12.2972** is the 20% darker color. If you saturate the color by 10%, you get **28.4706, 23.3476, 24.8815**, and if you desaturate by 10%, it is **35.3114, 33.8497, 36.9638**.

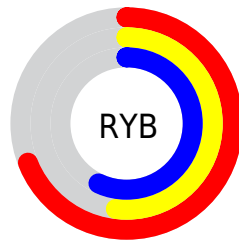
Distribution



Red (69%)

Green (52%)

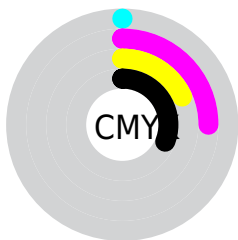
Blue (57%)



Red (69%)

Yellow (52%)

Blue (57%)

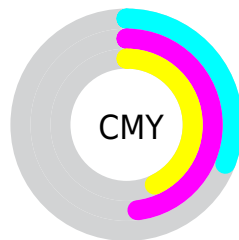


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (48%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6298, 28.1665, 30.5577 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 31.6298, 28.1665, 30.5577 by changing the saturation by 10% instead.


 31.6298, 28.1665,
30.5577


 31.6298, 28.1665,
30.5577


301.2047,
293.2617, 318.7833


 21.2331, 18.4512,
20.0066


 61.5994, 56.7502,
61.6144

 13.4079, 11.2744,
12.2158


 81.9030, 76.3873,
82.9572

 7.7890, 6.2517,
6.7665


 106.2395,
100.1005, 108.7343

 4.0109, 2.9987,
3.2403

134.9745,
128.2742, 139.3642

 1.7083, 1.1311,
1.2186

168.4731,
161.2928, 175.2655

 0.4614, 0.0043,
0.0000

207.1008,

 0.0000, 0.0000,

199.5406, 216.8568

0.0000

251.2229,
243.4021, 264.5565

■ 31.6298, 28.1665,
30.5577

■ 31.6298, 28.1665,
30.5577

■ 28.4706, 23.3476,
24.8815

■ 35.3114, 33.8497,
36.9638

■ 25.8073, 19.3467,
19.9068

■ 39.5357, 40.4327,
44.1230

■ 23.6145, 16.1190,
15.6062

■ 44.3246, 47.9539,
52.0598

■ 21.8636, 13.6140,
11.9493

■ 49.6983, 56.4482,
60.7971

■ 20.5226, 11.7749,
8.9037

■ 55.6759, 65.9487,
70.3566

■ 19.5550, 10.5365,
6.4334

■ 62.2754, 76.4870,
80.7594

■ 18.9172, 9.8195,
4.4983

■ 68.9038, 86.8721,
91.8221

■ 18.6705, 9.5627,
3.6867

■ 70.8333, 87.6439,
101.9828

■ 71.9415, 88.0872,
107.8185

Harmonies

Analogous

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



30.9687, 28.1665, 37.6133



31.6298, 28.1665, 30.5577



30.9260, 28.1665, 24.4702

Triad

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



31.6298, 28.1665, 30.5577



24.5093, 28.1665, 20.6756



24.5726, 28.1665, 43.5926

Complementary

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



31.6298, 28.1665, 30.5577



32.1877, 39.1481, 41.4590

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.



23.0066, 28.1665, 37.8340



31.6298, 28.1665, 30.5577



22.9716, 28.1665, 24.6360

Square

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



31.6298, 28.1665, 30.5577



26.7327, 28.1665, 19.3098



22.4379, 28.1665, 30.7796



26.8102, 28.1665, 45.7851

Rectangle

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



31.6298, 28.1665, 30.5577



29.8003, 28.1665, 21.6023



22.4379, 28.1665, 30.7796



23.9551, 28.1665, 41.9713

Sweetspot

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



31.6306, 28.1678, 30.5583



69.0075, 69.6003, 76.0003



31.7444, 27.9001, 45.3073



14.8579, 14.9318, 16.3068



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.6306, 28.1678, 30.5583



53.3363, 45.3798, 48.8209



32.1186, 30.5469, 26.3952



8.5884, 8.5421, 9.3310



13.5498, 6.9375, 2.7891



0.4514, 0.2283, 0.2199

Inverse Universe

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



31.6306, 28.1678, 30.5583



53.3363, 45.3798, 48.8209



31.5140, 35.9704, 46.8772



8.5884, 8.5421, 9.3310



13.5498, 6.9375, 2.7891



0.4514, 0.2283, 0.2199

Previews

White Background



This preview shows how the XYZ color 31.6298, 28.1665, 30.5577 looks on a white background.

Color Contrast Check

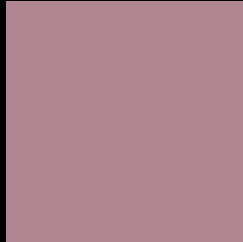
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6298, 28.1665, 30.5577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

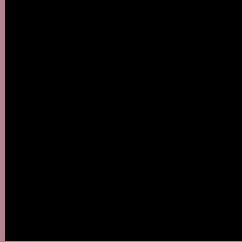
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.6298, 28.1665, 30.5577

Background



This preview shows how black text looks on a background with the XYZ color 31.6298, 28.1665, 30.5577.



This preview shows how white text looks on a background with the XYZ color 31.6298, 28.1665,

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

31.6298, 28.1665, 30.5577

Protanopia

27.4948, 28.3245, 33.7238

Deuteranopia

28.7102, 28.1407, 30.3041



Tritanopia

31.5530, 28.1358, 30.1533

Trichromacy



Original Color

31.6298, 28.1665, 30.5577

Protanomaly

28.7075, 28.0942, 32.3434

Deuteranomaly

29.7056, 28.0119, 30.2267

Tritanomaly

31.5530, 28.1358, 30.1533

Monochromacy



Original Color

31.6298, 28.1665, 30.5577

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.3870, 29.1224, 31.6761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6298, 28.1665, 30.5577 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(177, 133, 145)` looks like.

```
.text, #text, p{  
    color:rgb(177, 133, 145)  
}
```

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(177, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 133, 145) }
```

Border

The CSS property to change the border of an element to XYZ 31.6298, 28.1665, 30.5577 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(177, 133, 145) }
```


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

```
.border{ border-color:rgb(177, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(177, 133,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6298, 28.1665, 30.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 133, 145) }
```

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

```
.background{ background-color: rgb(177,  
133, 145) }
```

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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