

Converting Colors

XYZ(36.3474, 31.2863, 27.7976)

Have a look what the booklet for
XYZ(36.3474, 31.2863, 27.7976)
contains.

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Color

**XYZ(36.3455, 31.2848,
27.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	C58889
RGB	197, 136, 137
RGB Percent	77%, 53%, 54%
CMY	0.2275, 0.4666, 0.4627
CMYK	0.00, 0.31, 0.30, 0.23
HSL	359°, 34%, 65%
HSV	359°, 31%, 77%
XYZ	36.3455, 31.2848, 27.7899
YIQ	154.3530, 36.0350, 13.2430

Conversions

Conversions Part 2

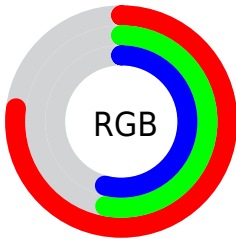
Format	Color
RYB	197, 136, 137
Decimal	12945545
CIELab	62.75, 23.49, 8.91
CIELCh	63, 25.121, 20.767
Yxy	31.2848, 0.3809, 0.3279
Android (android.graphics.Color)	4291135625 (0xFFC58889)
YUV	154.3530, -8.5550, 37.4014
Hunter-Lab	55.9328, 18.1080, 9.6951

Details

The XYZ color **36.3455, 31.2848, 27.7899** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0848, 49.1530, 59.6019**, and the grayscale version is **30.8964, 32.5054, 35.3984**.

A 20% lighter version of the original color is **68.9477, 61.8046, 57.0107**, and **16.2034, 13.0945, 10.6903** is the 20% darker color. If you saturate the color by 10%, you get **32.5543, 25.7306, 20.2730**, and if you desaturate by 10%, it is **40.8980, 37.9616, 36.7930**.

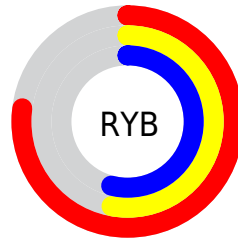
Distribution



Red (77%)

Green (53%)

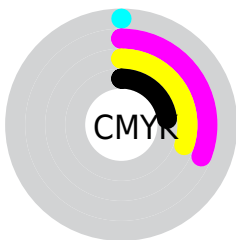
Blue (54%)



Red (77%)

Yellow (53%)

Blue (54%)

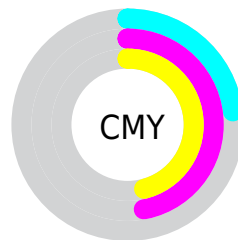


Cyan (0%)

Magenta (31%)

Yellow (30%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3455, 31.2848, 27.7899 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 36.3455, 31.2848, 27.7899 by changing the saturation by 10% instead.


 36.3455, 31.2848,
27.7899


 36.3455, 31.2848,
27.7899


321.8731,
307.8482, 305.3419

 24.8725, 20.8158,
17.9297


 68.8854, 61.6882,
57.1679

 16.1103, 12.9894,
10.7306


 90.6830, 82.3914,
77.5227

 9.6936, 7.4213,
5.7741


 116.6528,
107.2747, 102.2129

 5.2570, 3.7269,
2.6417

147.1603,
136.7227, 131.6569

 2.4351, 1.5220,
0.9138

182.5707,
171.1196, 166.2732

 0.8627, 0.3041,
0.0000

223.2494,

 0.0000, 0.0000,

210.8499, 206.4805

0.0000

269.5617,
256.2980, 252.6972

■ 36.3455, 31.2848,
27.7899

■ 36.3455, 31.2848,
27.7899

■ 32.5543, 25.7306,
20.2730

■ 40.8980, 37.9616,
36.7930

■ 29.4805, 21.2334,
14.1605

■ 46.2475, 45.8133,
47.3541

■ 27.0797, 17.7274,
9.3661

■ 52.4304, 54.8940,
59.5427

■ 25.3014, 15.1378,
5.7927

■ 59.4803, 65.2535,
73.4236

■ 24.0883, 13.3791,
3.3301

■ 67.4288, 76.9384,
89.0579

■ 23.3721, 12.3498,
1.8484

■ 76.3059, 89.9935,
106.5039

■ 23.0436, 11.8774,
1.1704

■ 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



36.7395, 31.2848, 37.1886



36.3455, 31.2848, 27.7899



34.1095, 31.2848, 21.4168

Triad

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



36.3455, 31.2848, 27.7899



24.9090, 31.2848, 23.4498



28.6885, 31.2848, 56.3427

Complementary

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



36.3455, 31.2848, 27.7899



40.0848, 49.1530, 59.6019

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.



25.7520, 31.2848, 50.9088



36.3455, 31.2848, 27.7899



23.6831, 31.2848, 31.1192

Square

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



36.3455, 31.2848, 27.7899



27.4553, 31.2848, 19.2665



23.9794, 31.2848, 41.2174



32.1381, 31.2848, 54.9784

Rectangle

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



36.3455, 31.2848, 27.7899



31.9635, 31.2848, 19.1484



23.9794, 31.2848, 41.2174



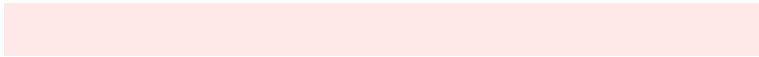
27.6130, 31.2848, 55.2169

Sweetspot

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



36.3463, 31.2863, 27.7905



84.7366, 84.8517, 88.5726



41.6437, 33.3746, 57.0705



17.8058, 17.6752, 18.3046



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.3463, 31.2863, 27.7905



60.4623, 49.2430, 40.5895



41.0133, 40.7340, 28.9953



10.6408, 10.6397, 11.0916



15.1598, 7.8135, 0.7857



0.7203, 0.3710, 0.0504

Inverse Universe

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



36.3463, 31.2863, 27.7905



60.4623, 49.2430, 40.5895



34.1463, 37.0940, 58.1836



10.6408, 10.6397, 11.0916



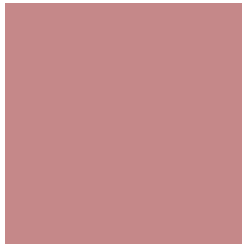
15.1598, 7.8135, 0.7857



0.7203, 0.3710, 0.0504

Previews

White Background



This preview shows how the XYZ color 36.3455, 31.2848, 27.7899 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 36.3455, 31.2848, 27.7899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

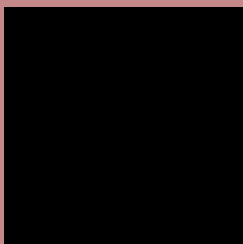
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3455, 31.2848, 27.7899

Background



This preview shows how black text looks on a background with the XYZ color 36.3455, 31.2848, 27.7899.



This preview shows how white text looks on a background with the XYZ color 36.3455, 31.2848,

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

36.3455, 31.2848, 27.7899

Protanopia

30.0494, 31.5687, 31.2977

Deuteranopia

32.0405, 31.5009, 27.3132



Tritanopia

37.0635, 31.3780, 30.8912

Trichromacy



Original Color

36.3455, 31.2848, 27.7899

Protanomaly

31.9560, 31.1687, 29.9231

Deuteranomaly

33.5578, 31.3676, 27.5784

Tritanomaly

36.8352, 31.2867, 29.6887

Monochromacy



Original Color

36.3455, 31.2848, 27.7899

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.3566, 31.5516, 32.4017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3455, 31.2848, 27.7899 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(197, 136, 137)` looks like.

```
.text, #text, p{  
    color:rgb(197, 136, 137)  
}
```

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(197, 136, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 136, 137) }
```

Border

The CSS property to change the border of an element to XYZ 36.3455, 31.2848, 27.7899 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(197, 136, 137) }
```


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

```
.border{ border-color:rgb(197, 136, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 136, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 136, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 136, 137);  
box-shadow:4px 4px 4px 4px rgb(197, 136,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3455, 31.2848, 27.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 136, 137) }
```

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

```
.background{ background-color: rgb(197,  
136, 137) }
```

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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