

Converting Colors

XYZ(34.1584, 27.8108, 19.7275)

Have a look what the booklet for
XYZ(34.1584, 27.8108, 19.7275)
contains.

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Color

**XYZ(34.2649, 27.8212,
19.7837)**

Conversions

Conversions Part 1

Format	Color
Hex	C97B73
RGB	201, 123, 115
RGB Percent	79%, 48%, 45%
CMY	0.2118, 0.5176, 0.5490
CMYK	0.00, 0.39, 0.43, 0.21
HSL	6°, 44%, 62%
HSV	6°, 43%, 79%
XYZ	34.2649, 27.8212, 19.7837
YIQ	145.4100, 49.0560, 14.0480

Conversions

Conversions Part 2

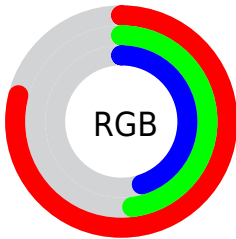
Format	Color
R_{YB}	201, 124, 115
Decimal	13204339
CIE _{Lab}	59.73, 29.45, 17.29
CIE _{LCh}	60, 34.145, 30.413
Yxy	27.8212, 0.4185, 0.3398
Android (android.graphics.Color)	4291394419 (0xFFC97B73)
YUV	145.4100, -14.9921, 48.7524
Hunter-Lab	52.7458, 23.6526, 14.6838

Details

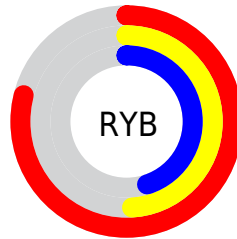
The XYZ color **34.2649, 27.8212, 19.7837** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.6820, 46.0000, 62.2040**, and the grayscale version is **27.1263, 28.5390, 31.0790**.

A 20% lighter version of the original color is **63.7404, 55.1007, 43.8352**, and **14.8973, 11.0996, 6.6675** is the 20% darker color. If you saturate the color by 10%, you get **31.1773, 23.2995, 13.6569**, and if you desaturate by 10%, it is **38.0272, 33.2886, 27.3800**.

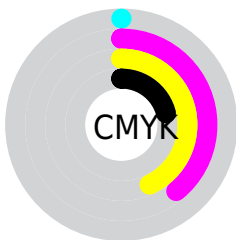
Distribution



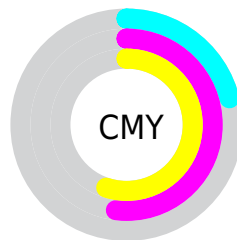
- Red (79%)
- Green (48%)
- Blue (45%)



- Red (79%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (43%)
- Black (21%)





- Cyan (21%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2649, 27.8212, 19.7837 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 34.2649, 27.8212, 19.7837 by changing the saturation by 10% instead.


 34.2649, 27.8212,
19.7837


 34.2649, 27.8212,
19.7837


312.8768,
291.6116, 263.3071


 23.2610, 18.1909,
12.0554


 65.6870, 56.1989,
43.9084

 14.9081, 11.0871,
6.6584


 86.8359, 75.7150,
61.1420

 8.8408, 6.1255,
3.1742


 112.0971, 99.2953,
82.3810

 4.6938, 2.9215,
1.1843

141.8362,
127.3240, 108.0440

 2.1016, 1.0909,
0.0000

176.4183,
160.1856, 138.5496

 0.6901, 0.0000,
0.0000

216.2089,

 0.0000, 0.0000,

198.2644, 174.3163

0.0000

261.5732,
241.9450, 215.7626

■ 34.2649, 27.8212,
19.7837

■ 34.2649, 27.8212,
19.7837

■ 31.1773, 23.2995,
13.6569

■ 38.0272, 33.2886,
27.3800

■ 28.7222, 19.6660,
8.9030

■ 42.4988, 39.7469,
36.5309

■ 26.8563, 16.8633,
5.4164


■ 47.7143, 47.2432,
47.3166


■ 25.5293, 14.8253,
3.0752

■ 53.7055, 55.8205,
59.8116


■ 24.6829, 13.4761,
1.7337

■ 60.5025, 65.5194,
74.0857

 24.3154, 12.8735,
1.2033

 68.1337, 76.3782,
90.2047

 76.5128, 88.3883,
107.6357

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



35.6399, 27.8212, 30.1214



34.2649, 27.8212, 19.7837



30.7558, 27.8212, 13.9689

Triad

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



34.2649, 27.8212, 19.7837



19.8633, 27.8212, 20.0081



26.5031, 27.8212, 60.8153

Complementary

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



34.2649, 27.8212, 19.7837



36.6820, 46.0000, 62.2040

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.



22.5539, 27.8212, 56.0167



34.2649, 27.8212, 19.7837



18.9827, 27.8212, 30.4644

Square

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



34.2649, 27.8212, 19.7837



22.4607, 27.8212, 14.0715



19.9128, 27.8212, 43.9871



30.8706, 27.8212, 55.7587

Rectangle

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



34.2649, 27.8212, 19.7837



27.8495, 27.8212, 12.3816



19.9128, 27.8212, 43.9871



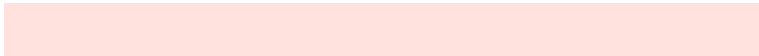
25.0851, 27.8212, 60.2896

Sweetspot

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



34.2656, 27.8226, 19.7842



81.3125, 80.3414, 80.2237



39.9372, 28.5668, 54.3500



16.9547, 16.5512, 16.2386



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.



34.2656, 27.8226, 19.7842



53.8919, 40.6462, 24.3904



40.6673, 40.6260, 21.9181



10.7119, 10.7930, 11.0814



15.3188, 8.1547, 0.7666



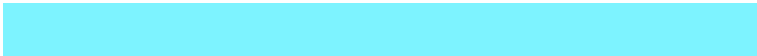
0.7532, 0.4418, 0.0456

Inverse Universe

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



36.6820, 46.0000, 62.2040



58.5195, 75.6149, 106.1186



28.6529, 29.9417, 59.5276



10.8591, 11.8922, 13.6406



17.2203, 23.8345, 38.4373



0.8406, 1.1790, 1.8284

Previews

White Background



This preview shows how the XYZ color 34.2649, 27.8212, 19.7837 looks on a white background.

Color Contrast Check

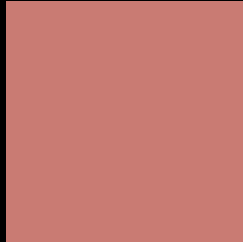
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2649, 27.8212, 19.7837 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 34.2649, 27.8212, 19.7837

Background



This preview shows how black text looks on a background with the XYZ color 34.2649, 27.8212, 19.7837.



This preview shows how white text looks on a background with the XYZ color 34.2649, 27.8212,

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

34.2649, 27.8212, 19.7837

Protanopia

26.4374, 28.0065, 23.4144

Deuteranopia

28.3753, 27.7818, 19.1961



Tritanopia

35.2238, 27.8430, 24.6368

Trichromacy



Original Color

34.2649, 27.8212, 19.7837

Protanomaly

28.6175, 27.4238, 21.8742

Deuteranomaly

30.4242, 27.7911, 19.3835

Tritanomaly

35.0183, 27.9563, 22.9525

Monochromacy



Original Color

34.2649, 27.8212, 19.7837

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.7658, 27.6119, 26.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2649, 27.8212, 19.7837 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(201, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(201, 123, 115)  
}
```

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(201, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 123, 115) }
```

Border

The CSS property to change the border of an element to XYZ 34.2649, 27.8212, 19.7837 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(201, 123, 115) }
```


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

```
.border{ border-color:rgb(201, 123, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 123, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(201, 123,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2649, 27.8212, 19.7837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 123, 115) }
```

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

```
.background{ background-color: rgb(201,  
123, 115) }
```

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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