

Converting Colors

XYZ(33.1816, 27.0277, 19.2638)

Have a look what the booklet for
XYZ(33.1816, 27.0277, 19.2638)
contains.

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Color

**XYZ(33.2855, 27.1397,
19.4037)**

Conversions

Conversions Part 1

Format	Color
Hex	C67A72
RGB	198, 122, 114
RGB Percent	78%, 48%, 45%
CMY	0.2235, 0.5215, 0.5529
CMYK	0.00, 0.38, 0.42, 0.22
HSL	6°, 42%, 61%
HSV	6°, 42%, 78%
XYZ	33.2855, 27.1397, 19.4037
YIQ	143.8120, 47.8640, 13.6240

Conversions

Conversions Part 2

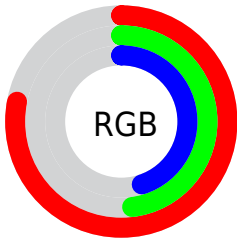
Format	Color
R_{YB}	198, 123, 114
Decimal	13007474
CIE _{Lab}	59.10, 28.71, 16.94
CIE _{LCh}	59, 33.336, 30.543
Yxy	27.1397, 0.4170, 0.3400
Android (android.graphics.Color)	4291197554 (0xFFC67A72)
YUV	143.8120, -14.6973, 47.5229
Hunter-Lab	52.0958, 22.8812, 14.3838

Details

The XYZ color **33.2855, 27.1397, 19.4037** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.5451, 44.4797, 60.1381**, and the grayscale version is **26.4780, 27.8569, 30.3362**.

A 20% lighter version of the original color is **63.4529, 54.6731, 43.2850**, and **14.2852, 10.6908, 6.4649** is the 20% darker color. If you saturate the color by 10%, you get **30.2777, 22.7367, 13.4298**, and if you desaturate by 10%, it is **36.9441, 32.4538, 26.7986**.

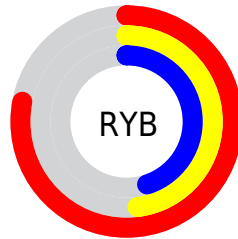
Distribution



Red (78%)

Green (48%)

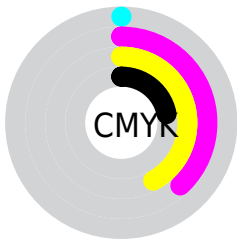
Blue (45%)



Red (78%)

Yellow (48%)

Blue (45%)

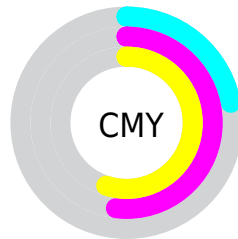


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2855, 27.1397, 19.4037 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 33.2855, 27.1397, 19.4037 by changing the saturation by 10% instead.


 33.2855, 27.1397,
19.4037


 33.2855, 27.1397,
19.4037


308.5765,
288.3329, 261.1650


 22.5055, 17.6782,
11.7826


 64.1727, 55.1080,
43.2609


 14.3475, 10.7192,
6.4751


 85.0107, 74.3835,
60.3341

 8.4461, 5.8783,
3.0626


 109.9320, 97.6991,
81.3950

 4.4359, 2.7712,
1.1267

 139.3020,
125.4393, 106.8622

 1.9516, 1.0135,
0.0000

173.4861,
157.9883, 137.1543

 0.6065, 0.0000,
0.0000

212.8497,

 0.0000, 0.0000,

195.7307, 172.6898

0.0000

257.7580,
239.0507, 213.8872

■ 33.2855, 27.1397,
19.4037

■ 33.2855, 27.1397,
19.4037

■ 30.2777, 22.7367,
13.4298

■ 36.9441, 32.4538,
26.7986

■ 27.8804, 19.1898,
8.7841

■ 41.2864, 38.7219,
35.6959

■ 26.0520, 16.4442,
5.3654


■ 46.3458, 45.9892,
46.1730


■ 24.7449, 14.4374,
3.0571

■ 52.1526, 54.2966,
58.3012


■ 23.9034, 13.0971,
1.7201

■ 58.7355, 63.6829,
72.1477

 23.5193, 12.4670,
1.1668

 66.1219, 74.1848,
87.7758

 74.3374, 85.8374,
105.2458

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



34.6128, 27.1397, 29.3349



33.2855, 27.1397, 19.4037



29.9163, 27.1397, 13.8001

Triad

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



33.2855, 27.1397, 19.4037



19.4602, 27.1397, 19.6878



25.8710, 27.1397, 58.7513

Complementary

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



33.2855, 27.1397, 19.4037



35.5451, 44.4797, 60.1381

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.



22.0716, 27.1397, 54.2101



33.2855, 27.1397, 19.4037



18.6192, 27.1397, 29.7672

Square

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



33.2855, 27.1397, 19.4037



21.9540, 27.1397, 13.9305



19.5228, 27.1397, 42.7320



30.0608, 27.1397, 53.8869

Rectangle

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



33.2855, 27.1397, 19.4037



27.1272, 27.1397, 12.2710



19.5228, 27.1397, 42.7320



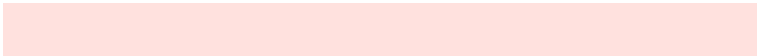
24.5081, 27.1397, 58.2638

Sweetspot

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



33.2862, 27.1410, 19.4042



81.3323, 80.3811, 80.2303



38.7101, 27.8022, 52.6164



16.9595, 16.5608, 16.2402



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.



33.2862, 27.1410, 19.4042



53.9329, 40.7283, 24.4041



39.4233, 39.4152, 21.4499



10.7138, 10.7968, 11.0821



15.3240, 8.1651, 0.7684



0.7541, 0.4435, 0.0459

Inverse Universe

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



35.5451, 44.4797, 60.1381



58.4334, 75.4427, 106.0899



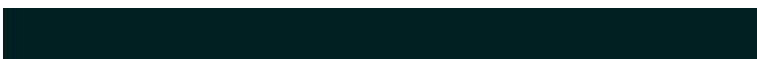
27.8801, 29.1497, 57.5831



10.8570, 11.8881, 13.6399



17.1636, 23.7212, 38.4184



0.8385, 1.1747, 1.8277

Previews

White Background



This preview shows how the XYZ color 33.2855, 27.1397, 19.4037 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 33.2855, 27.1397, 19.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

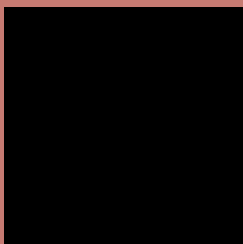
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.2855, 27.1397, 19.4037

Background



This preview shows how black text looks on a background with the XYZ color 33.2855, 27.1397, 19.4037.



This preview shows how white text looks on a background with the XYZ color 33.2855, 27.1397,

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

33.2855, 27.1397, 19.4037

Protanopia

25.8888, 27.2853, 22.9709

Deuteranopia

27.7513, 27.2545, 18.8369



Tritanopia

34.2321, 27.1600, 24.2071

Trichromacy



Original Color

33.2855, 27.1397, 19.4037

Protanomaly

27.9905, 26.8995, 21.4862

Deuteranomaly

29.5360, 27.1374, 19.0106

Tritanomaly

34.0287, 27.2721, 22.5393

Monochromacy



Original Color

33.2855, 27.1397, 19.4037

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3476, 27.1943, 25.9452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2855, 27.1397, 19.4037 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(198, 122, 114)` looks like.

```
.text, #text, p{  
    color:rgb(198, 122, 114)  
}
```

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(198, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 122, 114) }
```

Border

The CSS property to change the border of an element to XYZ 33.2855, 27.1397, 19.4037 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(198, 122, 114) }
```


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

```
.border{ border-color:rgb(198, 122, 114) }
```

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

Here you see how a box with a 4 pixel rgb(198, 122, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(198, 122,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2855, 27.1397, 19.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 122, 114) }
```

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

```
.background{ background-color: rgb(198,  
122, 114) }
```

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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