

Converting Colors

XYZ(27.4794, 33.2101, 35.0781)

Have a look what the booklet for
XYZ(27.4794, 33.2101, 35.0781)
contains.

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Color

**XYZ(27.4827, 33.2108,
35.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA499
RGB	125, 164, 153
RGB Percent	49%, 64%, 60%
CMY	0.5098, 0.3568, 0.4000
CMYK	0.24, 0.00, 0.07, 0.36
HSL	163°, 18%, 57%
HSV	163°, 24%, 64%
XYZ	27.4827, 33.2108, 35.0988
YIQ	151.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

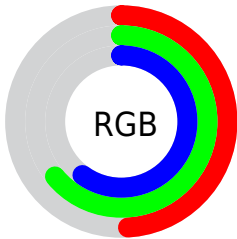
Format	Color
RYB	125, 148, 164
Decimal	8234137
CIELab	64.33, -15.62, 1.37
CIELCh	64, 15.684, 174.991
Yxy	33.2108, 0.2869, 0.3467
Android (android.graphics.Color)	4286424217 (0xFF7DA499)
YUV	151.0850, 0.9441, -22.8765
Hunter-Lab	57.6288, -15.7253, 4.2296

Details

The XYZ color **27.4827, 33.2108, 35.0988** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0886, 24.3383, 26.5641**, and the grayscale version is **29.4547, 30.9886, 33.7466**.

A 20% lighter version of the original color is **54.9541, 64.6330, 68.6105**, and **11.0941, 14.0435, 14.6963** is the 20% darker color. If you saturate the color by 10%, you get **24.9088, 31.9281, 33.0226**, and if you desaturate by 10%, it is **30.4686, 34.7060, 37.2730**.

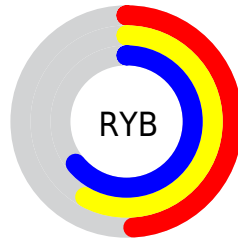
Distribution



Red (49%)

Green (64%)

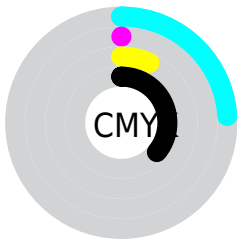
Blue (60%)



Red (49%)

Yellow (58%)

Blue (64%)

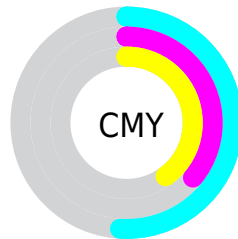


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4827, 33.2108, 35.0988 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 27.4827, 33.2108, 35.0988 by changing the saturation by 10% instead.

■ 27.4827, 33.2108,
35.0988

■ 27.4827, 33.2108,
35.0988

282.1119,
316.5985, 339.9217

■ 18.0745, 22.2880,
23.4548

■ 55.0719, 64.7045,
68.7921

■ 11.1035, 14.0687,
14.7213

■ 73.9837, 86.0442,
91.6785

■ 6.2043, 8.1684,
8.4796

■ 96.7940, 111.6249,
119.1495

■ 3.0116, 4.2029,
4.3112

123.8683,
141.8311, 151.6236

■ 1.1599, 1.7877,
1.7976

155.5719,
177.0472, 189.5193

■ 0.0743, 0.4795,
0.4263

192.2701,

■ 0.0000, 0.0000,

217.6575, 233.2552

0.0000

234.3283,
264.0465, 283.2498

■ 27.4827, 33.2108,
35.0988

■ 27.4827, 33.2108,
35.0988

■ 24.9088, 31.9281,
33.0226

■ 30.4686, 34.7060,
37.2730

■ 22.7246, 30.8437,
31.0405

■ 33.8820, 36.4189,
39.5447

■ 20.9099, 29.9481,
29.1513

■ 37.7409, 38.3597,
41.9164

■ 19.4412, 29.2293,
27.3530

■ 42.0614, 40.5367,
44.3895

■ 18.2928, 28.6739,
25.6435

■ 46.8589, 42.9579,
46.9656

■ 17.4347, 28.2666,
24.0204

■ 52.1479, 45.6307,
49.6461

■ 16.8314, 27.9890,
22.4812

■ 57.9426, 48.5622,
52.4327

■ 16.5306, 27.8539,
21.5633

■ 63.8117, 51.5304,
55.3057

■ 64.3256, 51.7359,
58.0119

Harmonies

Analogous

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



28.1813, 33.2108, 29.5610



27.4827, 33.2108, 35.0988



27.8354, 33.2108, 41.6031

Triad

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



27.4827, 33.2108, 35.0988



33.4129, 33.2108, 48.4774



34.0913, 33.2108, 27.0034

Complementary

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



27.4827, 33.2108, 35.0988



27.0886, 24.3383, 26.5641

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.



35.6155, 33.2108, 31.2153



27.4827, 33.2108, 35.0988



35.2112, 33.2108, 43.6766

Square

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



27.4827, 33.2108, 35.0988



31.1928, 33.2108, 49.8312



36.0347, 33.2108, 37.2442



31.9419, 33.2108, 25.2517

Rectangle

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



27.4827, 33.2108, 35.0988



28.6284, 33.2108, 45.5600



36.0347, 33.2108, 37.2442



34.6977, 33.2108, 28.1525

Sweetspot

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



27.4836, 33.2122, 35.0995



59.3343, 65.0164, 70.3755



27.1397, 33.2714, 24.3943



12.8963, 14.1760, 15.3359



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.4836, 33.2122, 35.0995



47.1025, 58.8942, 61.5145



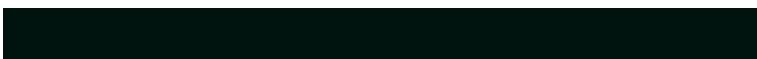
26.9725, 30.6678, 39.6214



7.1905, 7.9770, 8.6149



12.6953, 21.3645, 16.6440



0.2853, 0.4563, 0.4476

Inverse Universe

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



27.0886, 24.3383, 26.5641



46.2499, 39.6967, 43.0593



27.4619, 26.2727, 23.0264



7.1521, 7.1173, 7.7873



12.1391, 6.2117, 2.6572



0.2742, 0.1382, 0.1568

Previews

White Background



This preview shows how the XYZ color 27.4827, 33.2108, 35.0988 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 27.4827, 33.2108, 35.0988 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 27.4827, 33.2108, 35.0988

Background



This preview shows how black text looks on a background with the XYZ color 27.4827, 33.2108, 35.0988.



This preview shows how white text looks on a background with the XYZ color 27.4827, 33.2108,

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

27.4827, 33.2108, 35.0988

Protanopia

31.5638, 33.0544, 32.7335

Deuteranopia

33.6449, 33.0796, 36.0642



Tritanopia

29.4381, 33.2129, 44.9036

Trichromacy



Original Color

27.4827, 33.2108, 35.0988

Protanomaly

29.7645, 32.8588, 33.6278

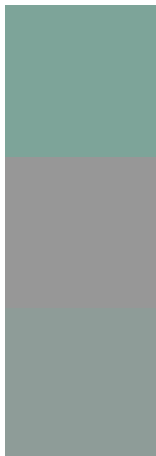
Deuteranomaly

31.1313, 33.0135, 35.7418

Tritanomaly

28.7054, 33.1830, 40.9684

Monochromacy



Original Color

27.4827, 33.2108, 35.0988

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7113, 31.7947, 34.3295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4827, 33.2108, 35.0988 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(125, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(125, 164, 153)  
}
```

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(125, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 164, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.4827, 33.2108, 35.0988 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(125, 164, 153) }
```


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

```
.border{ border-color:rgb(125, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(125, 164,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4827, 33.2108, 35.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 164, 153) }
```

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

```
.background{ background-color: rgb(125,  
164, 153) }
```

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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