

Converting Colors

XYZ(27.8238, 34.6833, 28.0071)

Have a look what the booklet for
XYZ(27.8238, 34.6833, 28.0071)
contains.

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Color

**XYZ(27.8915, 34.6601,
28.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	84A887
RGB	132, 168, 135
RGB Percent	52%, 66%, 53%
CMY	0.4824, 0.3412, 0.4706
CMYK	0.21, 0.00, 0.20, 0.34
HSL	125°, 17%, 59%
HSV	125°, 21%, 66%
XYZ	27.8915, 34.6601, 28.1417
YIQ	153.4740, -10.8630, -17.8950

Conversions

Conversions Part 2

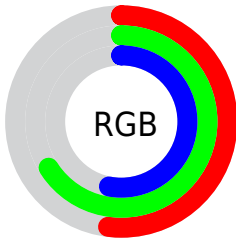
Format	Color
RYB	132, 165, 168
Decimal	8693895
CIELab	65.48, -18.96, 13.09
CIELCh	65, 23.039, 145.374
Yxy	34.6601, 0.3075, 0.3822
Android (android.graphics.Color)	4286883975 (0xFF84A887)
YUV	153.4740, -9.1077, -18.8327
Hunter-Lab	58.8728, -18.4616, 12.8699

Details

The XYZ color **27.8915, 34.6601, 28.1417** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.1924, 27.5447, 39.2714**, and the grayscale version is **30.5276, 32.1174, 34.9758**.

A 20% lighter version of the original color is **55.7145, 66.8453, 57.5429**, and **11.3648, 14.9405, 10.8791** is the 20% darker color. If you saturate the color by 10%, you get **24.4659, 33.0115, 22.7251**, and if you desaturate by 10%, it is **31.8989, 36.5925, 34.4058**.

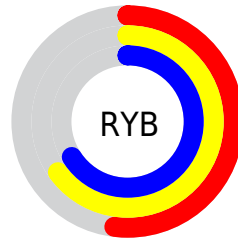
Distribution



Red (52%)

Green (66%)

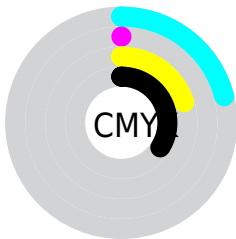
Blue (53%)



Red (52%)

Yellow (65%)

Blue (66%)

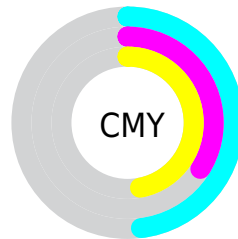


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8915, 34.6601, 28.1417 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 27.8915, 34.6601, 28.1417 by changing the saturation by 10% instead.

■ 27.8915, 34.6601,
28.1417

■ 27.8915, 34.6601,
28.1417

284.0376,
323.0655, 307.0766

■ 18.3839, 23.4012,
18.1925

■ 55.7210, 66.9589,
57.7364

■ 11.3273, 14.8900,
10.9174

■ 74.7737, 88.7675,
78.2190

■ 6.3564, 8.7422,
5.8979

■ 97.7387, 114.8615,
103.0499

■ 3.1057, 4.5734,
2.7153

124.9816,
145.6252, 132.6475

■ 1.2099, 1.9992,
0.9511

156.8675,
181.4431, 167.4305

■ 0.1142, 0.6070,
0.0000

193.7619,

■ 0.0000, 0.0000,

222.6995, 207.8173

0.0000

236.0302,
269.7788, 254.2265

■ 27.8915, 34.6601,
28.1417

■ 27.8915, 34.6601,
28.1417

■ 24.4659, 33.0115,
22.7251

■ 31.8989, 36.5925,
34.4058

■ 21.5925, 31.6292,
18.1174

■ 36.5105, 38.8165,
41.5491

■ 19.2431, 30.5005,
14.2805

■ 41.7510, 41.3452,
49.6046

■ 17.3860, 29.6100,
11.1722

■ 47.6427, 44.1894,
58.6028

■ 15.9859, 28.9405,
8.7467

■ 54.2069, 47.3596,
68.5729

■ 15.0032, 28.4726,
6.9523

■ 61.4640, 50.8654,
79.5428

■ 14.3908, 28.1833,
5.7306

■ 69.4334, 54.7166,
91.5392

■ 14.0826, 28.0384,
5.0853

■ 73.2933, 56.4867,
101.6478

Harmonies

Analogous

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



30.2426, 34.6601, 23.3264



27.8915, 34.6601, 28.1417



26.8949, 34.6601, 36.2613

Triad

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



27.8915, 34.6601, 28.1417



32.4233, 34.6601, 59.4348



39.1549, 34.6601, 30.3287

Complementary

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



27.8915, 34.6601, 28.1417



31.1924, 27.5447, 39.2714

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.



39.8369, 34.6601, 39.2562



27.8915, 34.6601, 28.1417



35.8003, 34.6601, 57.1227

Square

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



27.8915, 34.6601, 28.1417



29.3953, 34.6601, 55.1715



38.5712, 34.6601, 49.3023



36.7661, 34.6601, 24.4299

Rectangle

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



27.8915, 34.6601, 28.1417



27.0795, 34.6601, 42.8785



38.5712, 34.6601, 49.3023



39.5980, 34.6601, 33.0275

Sweetspot

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



27.8924, 34.6616, 28.1425



62.1946, 68.4785, 69.1243



33.6860, 37.6723, 27.3261



13.4437, 14.8713, 14.8926



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.8924, 34.6616, 28.1425



47.3457, 61.3220, 45.9168



29.2691, 35.2122, 35.3921



7.4612, 8.4175, 8.1488



10.6426, 21.1758, 3.8848



0.2666, 0.5183, 0.1348

Inverse Universe

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



31.1924, 27.5447, 39.2714



54.4815, 45.9298, 69.9795



29.6672, 26.9346, 31.2398



7.8145, 7.6557, 9.3405



16.6083, 8.0520, 23.8125



0.4117, 0.1990, 0.6194

Previews

White Background



This preview shows how the XYZ color 27.8915, 34.6601, 28.1417 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 27.8915, 34.6601, 28.1417 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 27.8915, 34.6601, 28.1417

Background



This preview shows how black text looks on a background with the XYZ color 27.8915, 34.6601, 28.1417.



This preview shows how white text looks on a background with the XYZ color 27.8915, 34.6601,

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

27.8915, 34.6601, 28.1417

Protanopia

32.4046, 34.3903, 26.0492

Deuteranopia

35.0347, 34.4412, 28.8460



Tritanopia

31.3057, 34.4248, 45.5521

Trichromacy



Original Color

27.8915, 34.6601, 28.1417

Protanomaly

30.6028, 34.4752, 26.8712

Deuteranomaly

31.8465, 34.0464, 28.5600

Tritanomaly

29.7740, 34.3232, 38.3135

Monochromacy



Original Color

27.8915, 34.6601, 28.1417

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.0922, 32.5488, 31.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8915, 34.6601, 28.1417 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(132, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 168, 135)  
}
```

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(132, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 168, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.8915, 34.6601, 28.1417 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(132, 168, 135) }
```


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

```
.border{ border-color:rgb(132, 168, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 168, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(132, 168,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8915, 34.6601, 28.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 168, 135) }
```

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

```
.background{ background-color: rgb(132,  
168, 135) }
```

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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