

Converting Colors

XYZ(28.8919, 34.3823, 36.2996)

Have a look what the booklet for
XYZ(28.8919, 34.3823, 36.2996)
contains.

XYZ(28.9127, 34.4643, 36.1388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.9127, 34.4643,
36.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	83A69B
RGB	131, 166, 155
RGB Percent	51%, 65%, 61%
CMY	0.4863, 0.3490, 0.3922
CMYK	0.21, 0.00, 0.07, 0.35
HSL	161°, 16%, 58%
HSV	161°, 21%, 65%
XYZ	28.9127, 34.4643, 36.1388
YIQ	154.2810, -17.3290, -10.8410

Conversions

Conversions Part 2

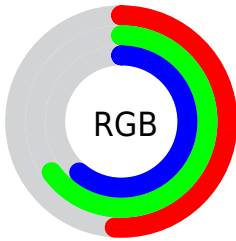
Format	Color
RYB	131, 152, 166
Decimal	8627867
CIELab	65.33, -14.29, 1.75
CIElCh	65, 14.396, 173.020
Yxy	34.4643, 0.2905, 0.3463
Android (android.graphics.Color)	4286817947 (0xFF83A69B)
YUV	154.2810, 0.3545, -20.4174
Hunter-Lab	58.7063, -14.8252, 4.5963

Details

The XYZ color **28.9127, 34.4643, 36.1388** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7259, 26.2935, 29.1538**, and the grayscale version is **30.8433, 32.4496, 35.3376**.

A 20% lighter version of the original color is **57.3727, 66.6306, 70.1587**, and **11.9093, 14.7834, 15.3225** is the 20% darker color. If you saturate the color by 10%, you get **26.1162, 33.0731, 33.7701**, and if you desaturate by 10%, it is **32.1421, 36.0783, 38.6281**.

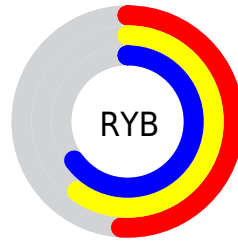
Distribution



Red (51%)

Green (65%)

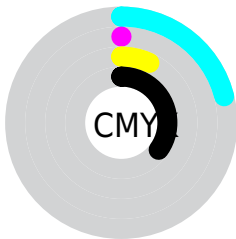
Blue (61%)



Red (51%)

Yellow (60%)

Blue (65%)

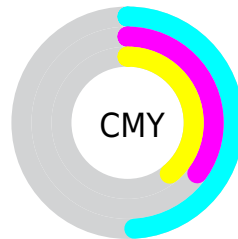


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9127, 34.4643, 36.1388 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 28.9127, 34.4643, 36.1388 by changing the saturation by 10% instead.

■ 28.9127, 34.4643,
36.1388

■ 28.9127, 34.4643,
36.1388

288.8045,
322.1974, 344.6225

■ 19.1587, 23.2505,
24.2509

■ 57.3369, 66.6550,
70.4177

■ 11.8897, 14.7786,
15.3059

■ 76.7378, 88.4008,
93.6458

■ 6.7403, 8.6641,
8.8854

■ 100.0851,
114.4260, 121.4909

■ 3.3451, 4.5228,
4.5707

127.7441,
145.1150, 154.3718

■ 1.3388, 1.9701,
1.9434

160.0802,
180.8523, 192.7068

■ 0.2120, 0.5900,
0.5201

197.4587,

■ 0.0000, 0.0000,

222.0222, 236.9146

0.0000

240.2450,
269.0091, 287.4137

■ 28.9127, 34.4643,
36.1388

■ 28.9127, 34.4643,
36.1388

■ 26.1162, 33.0731,
33.7701

■ 32.1421, 36.0783,
38.6281

■ 23.7298, 31.8903,
31.5174

■ 35.8199, 37.9203,
41.2378

■ 21.7330, 30.9062,
29.3794

■ 39.9645, 40.0008,
43.9706

■ 20.1026, 30.1088,
27.3537

■ 44.5924, 42.3281,
46.8285

■ 18.8123, 29.4847,
25.4376

■ 49.7192, 44.9103,
49.8132

■ 17.8328, 29.0187,
23.6286

■ 55.3599, 47.7551,
52.9268

■ 17.1289, 28.6929,
21.9235

■ 61.5287, 50.8698,
56.1709

■ 16.6641, 28.4846,
20.4868

■ 64.9257, 52.5533,
59.3922

■ 65.5332, 52.7962,
62.5910

Harmonies

Analogous

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



29.6381, 34.4643, 30.9941



28.9127, 34.4643, 36.1388



29.1817, 34.4643, 42.2293

Triad

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



28.9127, 34.4643, 36.1388



34.3609, 34.4643, 49.1996



35.2452, 34.4643, 29.0296

Complementary

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



28.9127, 34.4643, 36.1388



28.7259, 26.2935, 29.1538

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.



36.6136, 34.4643, 33.1851



28.9127, 34.4643, 36.1388



36.0880, 34.4643, 44.9161

Square

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



28.9127, 34.4643, 36.1388



32.2693, 34.4643, 50.2063



36.9284, 34.4643, 38.9478



33.2501, 34.4643, 27.1832

Rectangle

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



28.9127, 34.4643, 36.1388



29.8946, 34.4643, 45.9762



36.9284, 34.4643, 38.9478



35.7972, 34.4643, 30.1800

Sweetspot

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



28.9137, 34.4657, 36.1396



61.5478, 67.0852, 72.4310



28.9037, 34.6708, 26.6420



13.6812, 14.9663, 16.1432



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.



28.9137, 34.4657, 36.1396



50.1556, 61.3943, 63.6773



28.7428, 32.5772, 40.8512



7.6457, 8.4913, 9.1202



12.9434, 22.0961, 16.0005



0.3365, 0.5462, 0.5027

Inverse Universe

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



28.7259, 26.2935, 29.1538



49.7577, 44.0315, 48.8406



28.8287, 27.7567, 25.3114



7.6246, 7.5797, 8.3406



12.6975, 6.4877, 3.2187



0.3318, 0.1670, 0.1989

Previews

White Background



This preview shows how the XYZ color 28.9127, 34.4643, 36.1388 looks on a white background.

Color Contrast Check

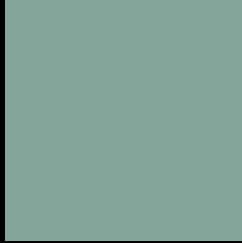
Large Text (above 18pt) WCAG AA × Fail

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 28.9127, 34.4643, 36.1388 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

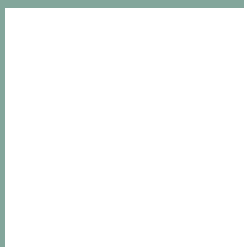
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9127, 34.4643, 36.1388

Background



This preview shows how black text looks on a background with the XYZ color 28.9127, 34.4643, 36.1388.



This preview shows how white text looks on a background with the XYZ color 28.9127, 34.4643,

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

28.9127, 34.4643, 36.1388

Protanopia

32.8361, 34.4423, 33.7715

Deuteranopia

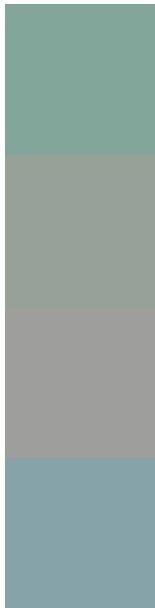
35.0183, 34.2498, 37.1130



Tritanopia

30.9253, 34.4799, 46.0996

Trichromacy



Original Color

28.9127, 34.4643, 36.1388

Protanomaly

31.1749, 34.3360, 34.6902

Deuteranomaly

32.4132, 34.1571, 36.7829

Tritanomaly

30.1749, 34.4464, 42.1042

Monochromacy



Original Color

28.9127, 34.4643, 36.1388

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.9137, 32.8978, 35.3451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9127, 34.4643, 36.1388 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(131, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(131, 166, 155)  
}
```

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(131, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 166, 155) }
```

Border

The CSS property to change the border of an element to XYZ 28.9127, 34.4643, 36.1388 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(131, 166, 155) }
```


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

```
.border{ border-color:rgb(131, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(131, 166,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9127, 34.4643, 36.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 166, 155) }
```

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

```
.background{ background-color: rgb(131,  
166, 155) }
```

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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