

Converting Colors

XYZ(28.2597, 36.5381, 28.4818)

Have a look what the booklet for
XYZ(28.2597, 36.5381, 28.4818)
contains.

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Color

**XYZ(28.2616, 36.5334,
28.4838)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAE87
RGB	127, 174, 135
RGB Percent	50%, 68%, 53%
CMY	0.5020, 0.3176, 0.4706
CMYK	0.27, 0.00, 0.22, 0.32
HSL	130°, 22%, 59%
HSV	130°, 27%, 68%
XYZ	28.2616, 36.5334, 28.4838
YIQ	155.5010, -15.4930, -22.0930

Conversions

Conversions Part 2

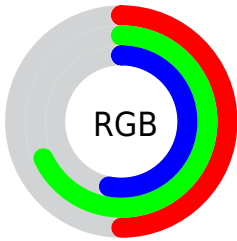
Format	Color
RYB	127, 167, 174
Decimal	8367751
CIELab	66.93, -23.71, 15.06
CIELCh	67, 28.092, 147.573
Yxy	36.5334, 0.3030, 0.3917
Android (android.graphics.Color)	4286557831 (0xFF7FAE87)
YUV	155.5010, -10.1070, -24.9954
Hunter-Lab	60.4429, -22.3128, 14.3695

Details

The XYZ color **28.2616, 36.5334, 28.4838** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.9291, 26.9313, 39.5932**, and the grayscale version is **31.4270, 33.0636, 36.0063**.

A 20% lighter version of the original color is **56.4300, 70.0482, 58.1234**, and **11.4576, 15.8671, 11.0531** is the 20% darker color. If you saturate the color by 10%, you get **24.9420, 34.9327, 23.3771**, and if you desaturate by 10%, it is **32.1686, 38.4230, 34.3393**.

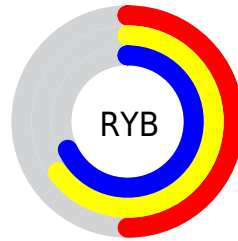
Distribution



Red (50%)

Green (68%)

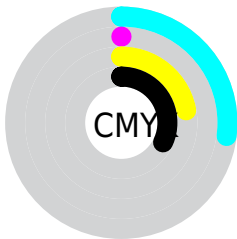
Blue (53%)



Red (50%)

Yellow (65%)

Blue (68%)

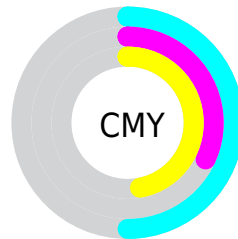


Cyan (27%)

Magenta (0%)

Yellow (22%)

Black (32%)



Cyan (50%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2616, 36.5334, 28.4838 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 28.2616, 36.5334, 28.4838 by changing the saturation by 10% instead.

■ 28.2616, 36.5334,
28.4838

■ 28.2616, 36.5334,
28.4838

285.7723,
331.2860, 308.7559

■ 18.6644, 24.8464,
18.4485

■ 56.3076, 69.8546,
58.2883

■ 11.5306, 15.9627,
11.0997

■ 75.4870, 92.2576,
78.8945

■ 6.4948, 9.4977,
6.0189

■ 98.5913, 119.0013,
103.8615

■ 3.1917, 5.0672,
2.7876

125.9858,
150.4703, 133.6077

■ 1.2559, 2.2868,
0.9872

158.0357,
187.0489, 168.5517

■ 0.1499, 0.7667,
0.0000

195.1066,

■ 0.0000, 0.0000,

229.1214, 209.1120

0.0000

237.5636,
277.0723, 255.7073

■ 28.2616, 36.5334,
28.4838

■ 28.2616, 36.5334,
28.4838

■ 24.9420, 34.9327,
23.3771

■ 32.1686, 38.4230,
34.3393

■ 22.1784, 33.6024,
18.9866

■ 36.6867, 40.6101,
40.9694

■ 19.9408, 32.5286,
15.2811

■ 41.8417, 43.1084,
48.4021

■ 18.1953, 31.6945,
12.2258

■ 47.6571, 45.9296,
56.6627

■ 16.9037, 31.0814,
9.7831

■ 54.1553, 49.0846,
65.7760

■ 16.0222, 30.6675,
7.9115

■ 61.3576, 52.5838,
75.7652

■ 15.4896, 30.4222,
6.5639

■ 69.2843, 56.4374,
86.6529

■ 15.3663, 30.3653,
6.2541

■ 73.7121, 58.4677,
98.2624

■ 74.4268, 58.7535,
102.0256

Harmonies

Analogous

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



31.0704, 36.5334, 22.4042



28.2616, 36.5334, 28.4838



27.1696, 36.5334, 38.7941

Triad

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



28.2616, 36.5334, 28.4838



34.3784, 36.5334, 68.1047



42.4985, 36.5334, 29.8824

Complementary

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



28.2616, 36.5334, 28.4838



31.9291, 26.9313, 39.5932

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.



43.5628, 36.5334, 40.7798



28.2616, 36.5334, 28.4838



38.6531, 36.5334, 64.3930

Square

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



28.2616, 36.5334, 28.4838



30.5162, 36.5334, 63.0339



42.1031, 36.5334, 53.7229



39.3016, 36.5334, 23.0881

Rectangle

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



28.2616, 36.5334, 28.4838



27.4890, 36.5334, 47.2863



42.1031, 36.5334, 53.7229



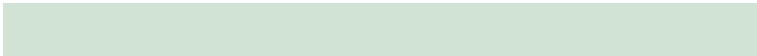
43.1284, 36.5334, 33.1110

Sweetspot

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



28.2626, 36.5349, 28.4846



65.5607, 73.1837, 72.8814



34.7291, 39.9312, 25.9560



14.2889, 16.1290, 15.7863



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.2626, 36.5349, 28.4846



47.7902, 64.5914, 46.3567



30.0898, 37.2658, 38.1068



7.9581, 8.9608, 8.8042



11.1604, 22.0294, 4.6184



0.3268, 0.6194, 0.2145

Inverse Universe

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



31.9291, 26.9313, 39.5932



55.4851, 44.4269, 69.6636



29.9787, 26.1512, 29.3227



8.2777, 8.1243, 9.7730



16.3521, 8.0034, 20.0316



0.4701, 0.2287, 0.6374

Previews

White Background



This preview shows how the XYZ color 28.2616, 36.5334, 28.4838 looks on a white background.

Color Contrast Check

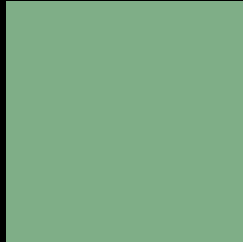
Large Text (above 18pt) WCAG AA × Fail

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 28.2616, 36.5334, 28.4838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

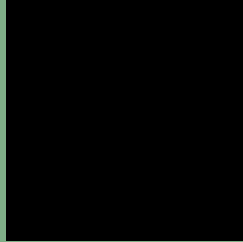
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2616, 36.5334, 28.4838

Background



This preview shows how black text looks on a background with the XYZ color 28.2616, 36.5334, 28.4838.



This preview shows how white text looks on a background with the XYZ color 28.2616, 36.5334,

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

28.2616, 36.5334, 28.4838

Protanopia

33.8960, 36.1963, 25.9689

Deuteranopia

36.7984, 36.0801, 29.4508



Tritanopia

32.4965, 36.5757, 49.0631

Trichromacy



Original Color

28.2616, 36.5334, 28.4838

Protanomaly

31.4433, 35.9790, 26.7601

Deuteranomaly

33.2017, 36.0287, 29.2491

Tritanomaly

30.7484, 36.4163, 40.5304

Monochromacy



Original Color

28.2616, 36.5334, 28.4838

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.1195, 34.3522, 33.0602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2616, 36.5334, 28.4838 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(127, 174, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 174, 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(127, 174, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 174, 135) }
```

Border

The CSS property to change the border of an element to XYZ 28.2616, 36.5334, 28.4838 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(127, 174, 135) }
```


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

```
.border{ border-color:rgb(127, 174, 135) }
```

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

Here you see how a box with a 4 pixel rgb(127, 174, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 174, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 174, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 174,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2616, 36.5334, 28.4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 174, 135) }
```

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

```
.background{ background-color: rgb(127,  
174, 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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