

Converting Colors

XYZ(27.0416, 34.7120, 31.0596)

Have a look what the booklet for
XYZ(27.0416, 34.7120, 31.0596)
contains.

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Color

**XYZ(27.0029, 34.6955,
30.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	78AA8E
RGB	120, 170, 142
RGB Percent	47%, 67%, 56%
CMY	0.5294, 0.3333, 0.4431
CMYK	0.29, 0.00, 0.16, 0.33
HSL	146°, 23%, 57%
HSV	146°, 29%, 67%
XYZ	27.0029, 34.6955, 30.8649
YIQ	151.8580, -20.8120, -19.3080

Conversions

Conversions Part 2

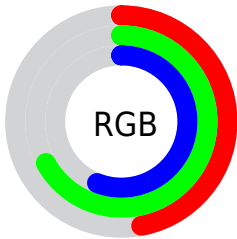
Format	Color
RYB	120, 155, 170
Decimal	7907982
CIELab	65.51, -22.64, 9.16
CIELCh	66, 24.425, 157.986
Yxy	34.6955, 0.2917, 0.3748
Android (android.graphics.Color)	4286098062 (0xFF78AA8E)
YUV	151.8580, -4.8600, -27.9395
Hunter-Lab	58.9029, -21.2501, 10.1643

Details

The XYZ color **27.0029, 34.6955, 30.8649** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.6405, 24.1179, 31.1640**, and the grayscale version is **29.8112, 31.3637, 34.1551**.

A 20% lighter version of the original color is **54.1226, 66.7202, 62.2503**, and **10.9360, 15.0317, 12.4502** is the 20% darker color. If you saturate the color by 10%, you get **24.1668, 33.3135, 27.1592**, and if you desaturate by 10%, it is **30.3205, 36.3206, 34.9134**.

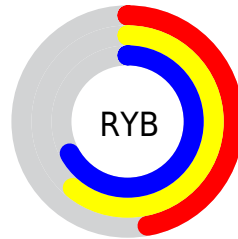
Distribution



Red (47%)

Green (67%)

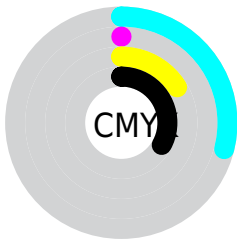
Blue (56%)



Red (47%)

Yellow (61%)

Blue (67%)

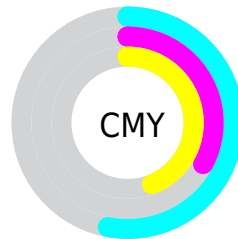


Cyan (29%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0029, 34.6955, 30.8649 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 27.0029, 34.6955, 30.8649 by changing the saturation by 10% instead.

■ 27.0029, 34.6955,
30.8649

■ 27.0029, 34.6955,
30.8649

279.8385,
323.2222, 320.2473

■ 17.7120, 23.4284,
20.2384

■ 54.3084, 67.0138,
62.1044

■ 10.8418, 14.9102,
12.3827

■ 73.0537, 88.8338,
83.5545

■ 6.0271, 8.7564,
6.8792

■ 95.6811, 114.9402,
109.4494

■ 2.9024, 4.5826,
3.3093

122.5561,
145.7174, 140.2079

■ 1.1024, 2.0045,
1.2547

154.0440,
181.5498, 176.2484

■ 0.0271, 0.6101,
0.0242

190.5101,

■ 0.0000, 0.0000,

222.8218, 217.9894

0.0000

232.3198,
269.9178, 265.8496

■ 27.0029, 34.6955,
30.8649

■ 27.0029, 34.6955,
30.8649

■ 24.1668, 33.3135,
27.1592

■ 30.3205, 36.3206,
34.9134

■ 21.7858, 32.1583,
23.7849

■ 34.1389, 38.1957,
39.3110

■ 19.8351, 31.2182,
20.7333

■ 38.4795, 40.3325,
44.0668

■ 18.2861, 30.4787,
17.9945

■ 43.3617, 42.7411,
49.1889

■ 17.1068, 29.9234,
15.5580

■ 48.8040, 45.4307,
54.6851

■ 16.2597, 29.5333,
13.4126

■ 54.8238, 48.4101,
60.5629

■ 15.6702, 29.2701,
11.5449

■ 61.4378, 51.6879,
66.8297

■ 15.6385, 29.2560,
11.4434

■ 68.2919, 55.0813,
73.4752

■ 69.5753, 55.5947,
80.2338

Harmonies

Analogous

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



28.9226, 34.6955, 24.2824



27.0029, 34.6955, 30.8649



26.6242, 34.6955, 40.5807

Triad

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



27.0029, 34.6955, 30.8649



33.9418, 34.6955, 60.8336



38.7002, 34.6955, 26.9050

Complementary

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



27.0029, 34.6955, 30.8649



28.6405, 24.1179, 31.1640

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.



40.2677, 34.6955, 35.1065



27.0029, 34.6955, 30.8649



37.3938, 34.6955, 55.5257

Square

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



27.0029, 34.6955, 30.8649



30.4656, 34.6955, 59.1391



39.7731, 34.6955, 45.6521



35.6228, 34.6955, 22.3007

Rectangle

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



27.0029, 34.6955, 30.8649



27.2688, 34.6955, 47.7949



39.7731, 34.6955, 45.6521



39.4309, 34.6955, 29.2678

Sweetspot

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



27.0038, 34.6969, 30.8657



62.1234, 69.3898, 71.5296



30.0392, 36.4341, 23.2189



13.6208, 15.3596, 15.6892



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.0038, 34.6969, 30.8657



45.6912, 61.3395, 51.7441



29.0658, 35.5217, 41.7239



7.5687, 8.4605, 8.7150



11.5305, 21.5310, 8.5604



0.3064, 0.5342, 0.3447

Inverse Universe

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



28.6405, 24.1179, 31.1640



49.1255, 39.1312, 52.3636



26.8911, 23.4181, 21.9517



7.7004, 7.6100, 8.7394



13.7493, 6.9084, 8.7572



0.3596, 0.1781, 0.3451

Previews

White Background



This preview shows how the XYZ color 27.0029, 34.6955, 30.8649 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 27.0029, 34.6955, 30.8649 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

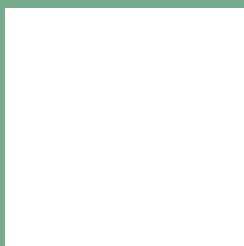
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0029, 34.6955, 30.8649

Background



This preview shows how black text looks on a background with the XYZ color 27.0029, 34.6955, 30.8649.



This preview shows how white text looks on a background with the XYZ color 27.0029, 34.6955,

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

27.0029, 34.6955, 30.8649

Protanopia

32.3967, 34.3383, 28.2130

Deuteranopia

35.1699, 34.4415, 31.9883



Tritanopia

30.2434, 34.6366, 47.2110

Trichromacy



Original Color

27.0029, 34.6955, 30.8649

Protanomaly

29.9022, 34.0652, 29.0440

Deuteranomaly

31.6095, 34.1097, 31.7059

Tritanomaly

28.9224, 34.6391, 40.7590

Monochromacy



Original Color

27.0029, 34.6955, 30.8649

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.5586, 32.5098, 32.7868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0029, 34.6955, 30.8649 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(120, 170, 142)` looks like.

```
.text, #text, p{  
    color:rgb(120, 170, 142)  
}
```

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(120, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 170, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.0029, 34.6955, 30.8649 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(120, 170, 142) }
```


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

```
.border{ border-color:rgb(120, 170, 142) }
```

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

Here you see how a box with a 4 pixel rgb(120, 170, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 170, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 170, 142);  
box-shadow:4px 4px 4px 4px rgb(120, 170,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0029, 34.6955, 30.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 170, 142) }
```

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

```
.background{ background-color: rgb(120,  
170, 142) }
```

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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