

Converting Colors

XYZ(27.1362, 34.1224, 31.5560)

Have a look what the booklet for
XYZ(27.1362, 34.1224, 31.5560)
contains.

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Color

**XYZ(27.2051, 34.2298,
31.5587)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA890
RGB	123, 168, 144
RGB Percent	48%, 66%, 56%
CMY	0.5176, 0.3412, 0.4353
CMYK	0.27, 0.00, 0.14, 0.34
HSL	148°, 21%, 57%
HSV	148°, 27%, 66%
XYZ	27.2051, 34.2298, 31.5587
YIQ	151.8090, -19.1160, -17.0040

Conversions

Conversions Part 2

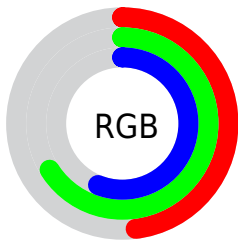
Format	Color
RYB	123, 154, 168
Decimal	8104080
CIELab	65.14, -20.25, 7.55
CIELCh	65, 21.608, 159.558
Yxy	34.2298, 0.2925, 0.3681
Android (android.graphics.Color)	4286294160 (0xFF7BA890)
YUV	151.8090, -3.8498, -25.2655
Hunter-Lab	58.5062, -19.3843, 8.9729

Details

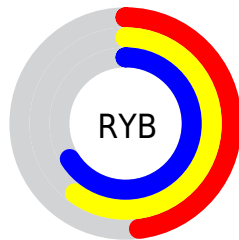
The XYZ color **27.2051, 34.2298, 31.5587** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.4991, 24.5983, 30.8513**, and the grayscale version is **29.7854, 31.3366, 34.1255**.

A 20% lighter version of the original color is **54.4852, 66.0827, 63.3096**, and **11.0134, 14.7154, 12.8496** is the 20% darker color. If you saturate the color by 10%, you get **24.3471, 32.8334, 27.9909**, and if you desaturate by 10%, it is **30.5318, 35.8634, 35.4337**.

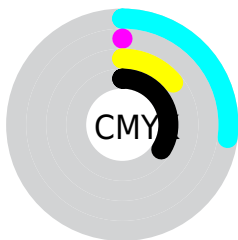
Distribution



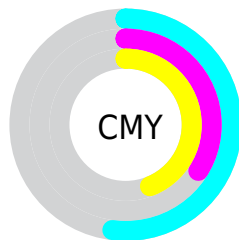
- Red (48%)
- Green (66%)
- Blue (56%)



- Red (48%)
- Yellow (60%)
- Blue (66%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)



- Cyan (52%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2051, 34.2298, 31.5587 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 27.2051, 34.2298, 31.5587 by changing the saturation by 10% instead.

■ 27.2051, 34.2298,
31.5587

■ 27.2051, 34.2298,
31.5587

280.7983,
321.1555, 323.5346

■ 17.8647, 23.0702,
20.7626

■ 54.6304, 66.2909,
63.2085

■ 10.9520, 14.6453,
12.7611

■ 73.4460, 87.9611,
84.8993

■ 6.1016, 8.5709,
7.1354

■ 96.1507, 113.9037,
111.0587

■ 2.9482, 4.4623,
3.4672

123.1098,
144.5030, 142.1053

■ 1.1264, 1.9354,
1.3379

154.6888,
180.1435, 178.4577

■ 0.0471, 0.5695,
0.0925

191.2530,

■ 0.0000, 0.0000,

221.2094, 220.5343

0.0000

233.1677,
268.0853, 268.7538

■ 27.2051, 34.2298,
31.5587

■ 27.2051, 34.2298,
31.5587

■ 24.3471, 32.8334,
27.9909

■ 30.5318, 35.8634,
35.4337

■ 21.9327, 31.6586,
24.7205

■ 34.3452, 37.7405,
39.6208

■ 19.9387, 30.6946,
21.7402

■ 38.6656, 39.8725,
44.1280

■ 18.3382, 29.9276,
19.0418

■ 43.5116, 42.2687,
48.9621

■ 17.1016, 29.3425,
16.6164

■ 48.9005, 44.9380,
54.1295

■ 16.1941, 28.9216,
14.4548

■ 54.8489, 47.8888,
59.6368

■ 15.5664, 28.6395,
12.5467

■ 61.3729, 51.1293,
65.4901

■ 15.3927, 28.5622,
11.9843

■ 67.5974, 54.2081,
71.6539

■ 68.7857, 54.6835,
77.9116

Harmonies

Analogous

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



28.8434, 34.2298, 25.4790



27.2051, 34.2298, 31.5587



26.9432, 34.2298, 40.2121

Triad

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



27.2051, 34.2298, 31.5587



33.5459, 34.2298, 57.0247



37.4081, 34.2298, 27.3189

Complementary

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



27.2051, 34.2298, 31.5587



28.4991, 24.5983, 30.8513

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.



38.8500, 34.2298, 34.4759



27.2051, 34.2298, 31.5587



36.5276, 34.2298, 52.2326

Square

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



27.2051, 34.2298, 31.5587



30.4736, 34.2298, 55.9065



38.5178, 34.2298, 43.6328



34.6861, 34.2298, 23.3179

Rectangle

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



27.2051, 34.2298, 31.5587



27.5662, 34.2298, 46.4548



38.5178, 34.2298, 43.6328



38.0663, 34.2298, 29.3842

Sweetspot

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



27.2060, 34.2312, 31.5595



61.3267, 67.9925, 70.8270



29.7466, 35.7094, 24.0644



13.1381, 14.7069, 15.1902



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.



27.2060, 34.2312, 31.5595



46.2571, 60.5930, 53.4436



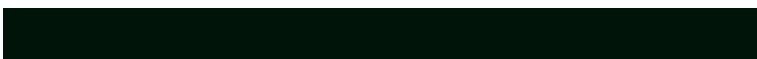
29.0322, 34.9617, 41.1759



7.5770, 8.4638, 8.7584



11.6489, 21.5783, 9.1839



0.3094, 0.5354, 0.3604

Inverse Universe

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



28.4991, 24.5983, 30.8513



48.9927, 40.2095, 51.9423



26.9501, 23.9787, 22.6945



7.6921, 7.6067, 8.6956



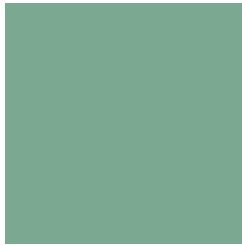
13.6017, 6.8494, 7.9802



0.3564, 0.1768, 0.3283

Previews

White Background



This preview shows how the XYZ color 27.2051, 34.2298, 31.5587 looks on a white background.

Color Contrast Check

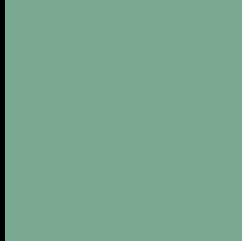
Large Text (above 18pt) WCAG AA × Fail

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 27.2051, 34.2298, 31.5587 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

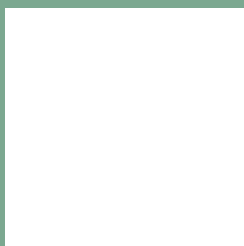
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2051, 34.2298, 31.5587

Background



This preview shows how black text looks on a background with the XYZ color 27.2051, 34.2298, 31.5587.



This preview shows how white text looks on a background with the XYZ color 27.2051, 34.2298, 31.5587.

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

27.2051, 34.2298, 31.5587

Protanopia

32.1615, 33.9483, 28.9023

Deuteranopia

34.6262, 33.9102, 32.3241



Tritanopia

29.9869, 33.9961, 46.0557

Trichromacy



Original Color

27.2051, 34.2298, 31.5587

Protanomaly

30.0562, 33.8672, 29.7638

Deuteranomaly

31.3198, 33.6971, 32.0476

Tritanomaly

28.9084, 34.1026, 40.1808

Monochromacy



Original Color

27.2051, 34.2298, 31.5587

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6362, 32.2864, 33.1564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2051, 34.2298, 31.5587 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(123, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(123, 168, 144)  
}
```

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(123, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 168, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.2051, 34.2298, 31.5587 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(123, 168, 144) }
```


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

```
.border{ border-color:rgb(123, 168, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 168, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(123, 168,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2051, 34.2298, 31.5587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 168, 144) }
```

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

```
.background{ background-color: rgb(123,  
168, 144) }
```

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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