

Converting Colors

XYZ(27.3038, 33.1023, 33.5566)

Have a look what the booklet for
XYZ(27.3038, 33.1023, 33.5566)
contains.

XYZ(27.3045, 33.1565, 33.3945)	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(27.3045, 33.1565,
33.3945)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA495
RGB	126, 164, 149
RGB Percent	49%, 64%, 58%
CMY	0.5059, 0.3568, 0.4157
CMYK	0.23, 0.00, 0.09, 0.36
HSL	156°, 17%, 57%
HSV	156°, 23%, 64%
XYZ	27.3045, 33.1565, 33.3945
YIQ	150.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

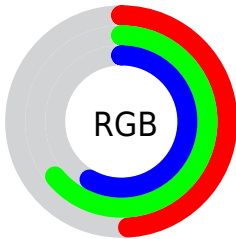
Format	Color
RYB	126, 150, 164
Decimal	8299669
CIELab	64.29, -16.15, 3.55
CIElCh	64, 16.537, 167.602
Yxy	33.1565, 0.2909, 0.3533
Android (android.graphics.Color)	4286489749 (0xFF7EA495)
YUV	150.9280, -0.9505, -21.8619
Hunter-Lab	57.5817, -16.1255, 5.9219

Details

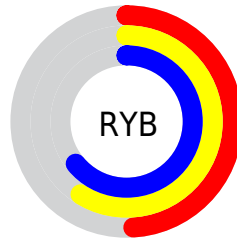
The XYZ color **27.3045, 33.1565, 33.3945** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5796, 24.7382, 28.5222**, and the grayscale version is **29.3948, 30.9256, 33.6780**.

A 20% lighter version of the original color is **54.7014, 64.5585, 66.0779**, and **10.9793, 14.0067, 13.6802** is the 20% darker color. If you saturate the color by 10%, you get **24.5791, 31.8105, 30.6436**, and if you desaturate by 10%, it is **30.4570, 34.7211, 36.3168**.

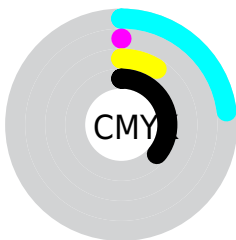
Distribution



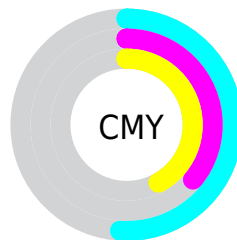
- Red (49%)
- Green (64%)
- Blue (58%)



- Red (49%)
- Yellow (59%)
- Blue (64%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3045, 33.1565, 33.3945 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 27.3045, 33.1565, 33.3945 by changing the saturation by 10% instead.

■ 27.3045, 33.1565,
33.3945

■ 27.3045, 33.1565,
33.3945

281.2692,
316.3543, 332.1100

■ 17.9398, 22.2464,
22.1552

■ 54.7886, 64.6198,
66.1140

■ 11.0062, 14.0380,
13.7716

■ 73.6386, 85.9417,
88.4314

■ 6.1383, 8.1471,
7.8251

■ 96.3812, 111.5031,
115.2786

■ 2.9708, 4.1892,
3.8970

123.3817,
141.6882, 147.0740

■ 1.1384, 1.7800,
1.5690

155.0053,
176.8815, 184.2364

■ 0.0568, 0.4746,
0.2686

191.6176,

■ 0.0000, 0.0000,

217.4673, 227.1841

0.0000

233.5837,
263.8301, 276.3358

■ 27.3045, 33.1565,
33.3945

■ 27.3045, 33.1565,
33.3945

■ 24.5791, 31.8105,
30.6436

■ 30.4570, 34.7211,
36.3168

■ 22.2583, 30.6689,
28.0586

■ 34.0522, 36.5098,
39.4116

■ 20.3216, 29.7221,
25.6367

■ 38.1083, 38.5326,
42.6826

■ 18.7455, 28.9580,
23.3743

■ 42.6419, 40.7981,
46.1329

■ 17.5039, 28.3633,
21.2675

■ 47.6684, 43.3141,
49.7654

■ 16.5670, 27.9226,
19.3124

■ 53.2026, 46.0883,
53.5830

■ 15.8992, 27.6177,
17.5044

■ 59.2588, 49.1280,
57.5885

■ 15.5406, 27.4580,
16.3501

■ 65.0348, 52.0197,
61.7464

■ 65.8118, 52.3305,
65.8379

Harmonies

Analogous

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



28.2943, 33.1565, 28.0614



27.3045, 33.1565, 33.3945



27.4011, 33.1565, 40.1576

Triad

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



27.3045, 33.1565, 33.3945



32.9003, 33.1565, 49.8925



34.6597, 33.1565, 27.3649

Complementary

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



27.3045, 33.1565, 33.3945



27.5796, 24.7382, 28.5222

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.



36.0197, 33.1565, 32.3287



27.3045, 33.1565, 33.3945



34.9697, 33.1565, 45.5477

Square

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



27.3045, 33.1565, 33.3945



30.5542, 33.1565, 50.2707



36.1359, 33.1565, 38.9516



32.4942, 33.1565, 24.8819

Rectangle

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



27.3045, 33.1565, 33.3945



28.0687, 33.1565, 44.5862



36.1359, 33.1565, 38.9516



35.2308, 33.1565, 28.7684

Sweetspot

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



27.3054, 33.1579, 33.3952



59.1248, 64.9326, 69.2728



28.0610, 33.7390, 24.7725



12.8471, 14.1564, 15.0769



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.3054, 33.1579, 33.3952



46.8178, 58.8271, 57.9025



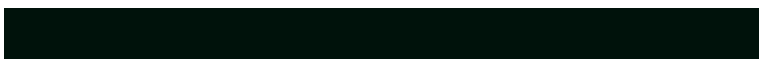
27.9117, 32.3284, 39.8925



7.1571, 7.9637, 8.4390



11.9391, 21.0620, 12.6619



0.2732, 0.4515, 0.3834

Inverse Universe

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



27.5796, 24.7382, 28.5222



47.4085, 40.7219, 47.4289



27.0329, 25.3119, 23.2001



7.1842, 7.1301, 7.9563



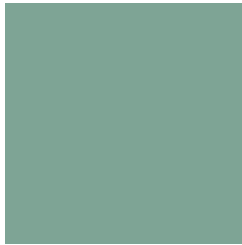
12.4869, 6.3508, 4.4886



0.2853, 0.1426, 0.2148

Previews

White Background



This preview shows how the XYZ color 27.3045, 33.1565, 33.3945 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 27.3045, 33.1565, 33.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

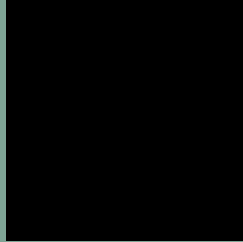
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3045, 33.1565, 33.3945

Background



This preview shows how black text looks on a background with the XYZ color 27.3045, 33.1565, 33.3945.



This preview shows how white text looks on a background with the XYZ color 27.3045, 33.1565,

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

27.3045, 33.1565, 33.3945

Protanopia

31.4533, 33.0334, 31.1039

Deuteranopia

33.5871, 32.8503, 34.2763



Tritanopia

29.4737, 32.9840, 44.3483

Trichromacy



Original Color

27.3045, 33.1565, 33.3945

Protanomaly

29.6279, 32.8249, 31.9684

Deuteranomaly

30.8248, 32.6456, 33.9547

Tritanomaly

28.4990, 32.8372, 39.9581

Monochromacy



Original Color

27.3045, 33.1565, 33.3945

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.5488, 31.7297, 33.4739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3045, 33.1565, 33.3945 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(126, 164, 149)` looks like.

```
.text, #text, p{  
    color:rgb(126, 164, 149)  
}
```

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(126, 164, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 164, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.3045, 33.1565, 33.3945 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(126, 164, 149) }
```


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

```
.border{ border-color:rgb(126, 164, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 164, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 164, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 164, 149);  
box-shadow:4px 4px 4px 4px rgb(126, 164,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3045, 33.1565, 33.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 164, 149) }
```

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

```
.background{ background-color: rgb(126,  
164, 149) }
```

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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