

Converting Colors

XYZ(27.3007, 33.5540, 33.7253)

Have a look what the booklet for
XYZ(27.3007, 33.5540, 33.7253)
contains.

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Color

**XYZ(27.4534, 33.7595,
33.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA696
RGB	124, 166, 150
RGB Percent	49%, 65%, 59%
CMY	0.5137, 0.3490, 0.4118
CMYK	0.25, 0.00, 0.10, 0.35
HSL	157°, 19%, 57%
HSV	157°, 25%, 65%
XYZ	27.4534, 33.7595, 33.9235
YIQ	151.6180, -19.8960, -13.8800

Conversions

Conversions Part 2

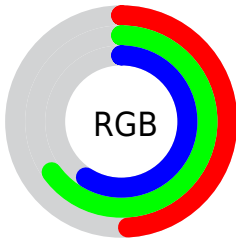
Format	Color
RYB	124, 150, 166
Decimal	8169110
CIELab	64.77, -17.64, 3.68
CIELCh	65, 18.017, 168.227
Yxy	33.7595, 0.2886, 0.3549
Android (android.graphics.Color)	4286359190 (0xFF7CA696)
YUV	151.6180, -0.7977, -24.2210
Hunter-Lab	58.1029, -17.3396, 6.0555

Details

The XYZ color **27.4534, 33.7595, 33.9235** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.6683, 24.4166, 28.0668**, and the grayscale version is **29.6906, 31.2369, 34.0170**.

A 20% lighter version of the original color is **54.8870, 65.4196, 66.8611**, and **11.0935, 14.3913, 13.9975** is the 20% darker color. If you saturate the color by 10%, you get **24.7580, 32.4281, 31.2107**, and if you desaturate by 10%, it is **30.5821, 35.3129, 36.8016**.

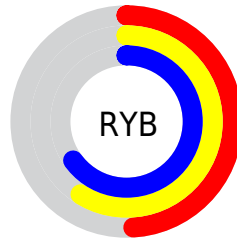
Distribution



Red (49%)

Green (65%)

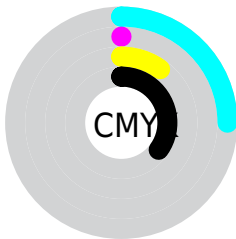
Blue (59%)



Red (49%)

Yellow (59%)

Blue (65%)

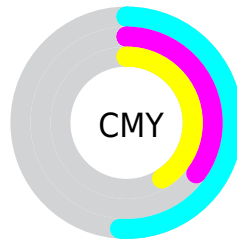


Cyan (25%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4534, 33.7595, 33.9235 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 27.4534, 33.7595, 33.9235 by changing the saturation by 10% instead.

■ 27.4534, 33.7595,
33.9235

■ 27.4534, 33.7595,
33.9235

281.9734,
319.0583, 334.5495

■ 18.0524, 22.7089,
22.5580

■ 55.0253, 65.5595,
66.9472

■ 11.0875, 14.3787,
14.0652

■ 73.9270, 87.0777,
89.4425

■ 6.1935, 8.3845,
8.0268

■ 96.7262, 112.8539,
116.4847

■ 3.0048, 4.3420,
4.0241

123.7883,
143.2724, 148.4925

■ 1.1563, 1.8666,
1.6386

155.4788,
178.7177, 185.8843

■ 0.0715, 0.5282,
0.3181

192.1629,

■ 0.0000, 0.0000,

219.5742, 229.0787

0.0000

234.2060,
266.2263, 278.4943

■ 27.4534, 33.7595,
33.9235

■ 27.4534, 33.7595,
33.9235

■ 24.7580, 32.4281,
31.2107

■ 30.5821, 35.3129,
36.8016

■ 22.4723, 31.3040,
28.6576

■ 34.1605, 37.0939,
39.8456

■ 20.5750, 30.3769,
26.2617

■ 38.2074, 39.1133,
43.0595

■ 19.0414, 29.6344,
24.0194

■ 42.7401, 41.3796,
46.4460

■ 17.8439, 29.0621,
21.9270

■ 47.7744, 43.9013,
50.0080

■ 16.9508, 28.6438,
19.9807

■ 53.3260, 46.6862,
53.7483

■ 16.3220, 28.3590,
18.1759

■ 59.4094, 49.7419,
57.6694

■ 16.0729, 28.2481,
17.3740

■ 65.3720, 52.7317,
61.7427

■ 66.1297, 53.0348,
65.7323

Harmonies

Analogous

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



28.5136, 33.7595, 28.0495



27.4534, 33.7595, 33.9235



27.5844, 33.7595, 41.4039

Triad

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



27.4534, 33.7595, 33.9235



33.6709, 33.7595, 52.0432



35.5218, 33.7595, 27.1117

Complementary

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



27.4534, 33.7595, 33.9235



27.6683, 24.4166, 28.0668

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.



37.0555, 33.7595, 32.4740



27.4534, 33.7595, 33.9235



35.9479, 33.7595, 47.1056

Square

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



27.4534, 33.7595, 33.9235



31.0816, 33.7595, 52.5691



37.2155, 33.7595, 39.7469



33.1146, 33.7595, 24.4856

Rectangle

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



27.4534, 33.7595, 33.9235



28.3309, 33.7595, 46.3122



37.2155, 33.7595, 39.7469



36.1621, 33.7595, 28.6180

Sweetspot

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



27.4543, 33.7609, 33.9243



60.0614, 66.3555, 70.7091



28.1074, 34.3132, 24.2110



13.2236, 14.7411, 15.6407



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.



27.4543, 33.7609, 33.9243



47.1578, 59.9506, 58.9418



27.9585, 32.5643, 40.8900



7.6246, 8.4829, 9.0091



12.4865, 21.9134, 13.5946



0.3275, 0.5427, 0.4558

Inverse Universe

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



27.6683, 24.4166, 28.0668



47.6105, 40.2351, 46.5901



27.2021, 25.2372, 22.5068



7.6450, 7.5878, 8.4475



12.9170, 6.5755, 4.3744



0.3393, 0.1700, 0.2381

Previews

White Background



This preview shows how the XYZ color 27.4534, 33.7595, 33.9235 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 27.4534, 33.7595, 33.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

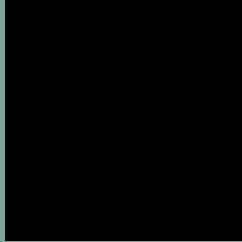
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4534, 33.7595, 33.9235

Background



This preview shows how black text looks on a background with the XYZ color 27.4534, 33.7595, 33.9235.

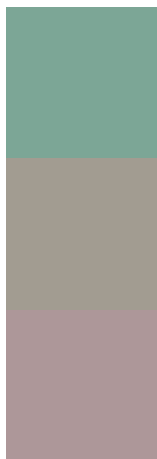


This preview shows how white text looks on a background with the XYZ color 27.4534, 33.7595,

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

27.4534, 33.7595, 33.9235

Protanopia

31.8996, 33.5026, 31.5734

Deuteranopia

34.0500, 33.3174, 34.7733



Tritanopia

29.7115, 33.6029, 45.4775

Trichromacy



Original Color

27.4534, 33.7595, 33.9235

Protanomaly

30.0500, 33.5441, 32.4946

Deuteranomaly

31.0735, 33.0125, 34.4401

Tritanomaly

28.7325, 33.4596, 41.0204

Monochromacy



Original Color

27.4534, 33.7595, 33.9235

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.7982, 32.0991, 33.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4534, 33.7595, 33.9235 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(124, 166, 150)` looks like.

```
.text, #text, p{  
    color:rgb(124, 166, 150)  
}
```

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(124, 166, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 166, 150) }
```

Border

The CSS property to change the border of an element to XYZ 27.4534, 33.7595, 33.9235 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(124, 166, 150) }
```


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

```
.border{ border-color:rgb(124, 166, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 166, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 166, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 166, 150);  
box-shadow:4px 4px 4px 4px rgb(124, 166,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4534, 33.7595, 33.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 166, 150) }
```

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

```
.background{ background-color: rgb(124,  
166, 150) }
```

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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