

Converting Colors

XYZ(27.6322, 33.0153, 35.4552)

Have a look what the booklet for
XYZ(27.6322, 33.0153, 35.4552)
contains.

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Color

**XYZ(27.6823, 33.0395,
35.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA39A
RGB	127, 163, 154
RGB Percent	50%, 64%, 60%
CMY	0.5020, 0.3608, 0.3961
CMYK	0.22, 0.00, 0.06, 0.36
HSL	165°, 16%, 57%
HSV	165°, 22%, 64%
XYZ	27.6823, 33.0395, 35.4901
YIQ	151.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

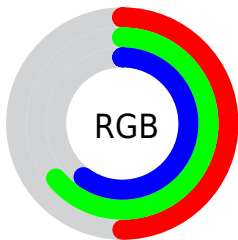
Format	Color
RYB	127, 148, 163
Decimal	8364954
CIELab	64.19, -14.23, 0.62
CIELCh	64, 14.243, 177.492
Yxy	33.0395, 0.2877, 0.3434
Android (android.graphics.Color)	4286555034 (0xFF7FA39A)
YUV	151.2100, 1.3755, -21.2322
Hunter-Lab	57.4800, -14.6246, 3.6283

Details

The XYZ color **27.6823, 33.0395, 35.4901** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.1387, 24.7437, 26.6395**, and the grayscale version is **29.5060, 31.0426, 33.8054**.

A 20% lighter version of the original color is **55.2790, 64.4002, 69.1915**, and **11.1932, 13.9259, 14.9300** is the 20% darker color. If you saturate the color by 10%, you get **25.1148, 31.7553, 33.6284**, and if you desaturate by 10%, it is **30.6560, 34.5335, 37.4324**.

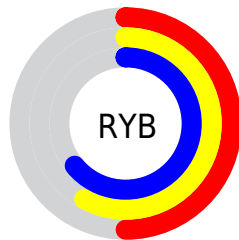
Distribution



Red (50%)

Green (64%)

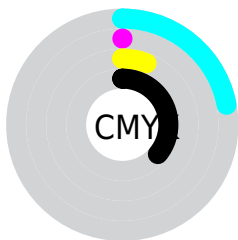
Blue (60%)



Red (50%)

Yellow (58%)

Blue (64%)

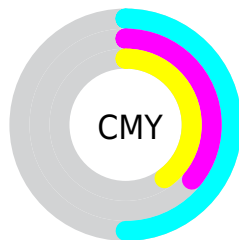


Cyan (22%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6823, 33.0395, 35.4901 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 27.6823, 33.0395, 35.4901 by changing the saturation by 10% instead.

■ 27.6823, 33.0395,
35.4901

■ 27.6823, 33.0395,
35.4901

283.0534,
315.8277, 341.6961

■ 18.2255, 22.1567,
23.7541

■ 55.3890, 64.4372,
69.4045

■ 11.2127, 13.9721,
14.9408

■ 74.3697, 85.7209,
92.4199

■ 6.2784, 8.1013,
8.6317

■ 97.2557, 111.2403,
120.0322

■ 3.0574, 4.1598,
4.4082

124.4124,
141.3799, 152.6600

■ 1.1842, 1.7634,
1.8519

156.2052,
176.5241, 190.7217

■ 0.0938, 0.4642,
0.4618

192.9994,

■ 0.0000, 0.0000,

217.0571, 234.6360

0.0000

235.1603,
263.3635, 284.8212

■ 27.6823, 33.0395,
35.4901

■ 27.6823, 33.0395,
35.4901

■ 25.1148, 31.7553,
33.6284

■ 30.6560, 34.5335,
37.4324

■ 22.9317, 30.6672,
31.8435

■ 34.0508, 36.2423,
39.4545

■ 21.1134, 29.7657,
30.1347

■ 37.8842, 38.1759,
41.5585

■ 19.6375, 29.0395,
28.5004

■ 42.1720, 40.3424,
43.7456

■ 18.4789, 28.4756,
26.9387

■ 46.9290, 42.7494,
46.0172

■ 17.6090, 28.0593,
25.4476

■ 52.1697, 45.4043,
48.3744

■ 16.9941, 27.7731,
24.0250

■ 57.9075, 48.3141,
50.8184

■ 16.6258, 27.6068,
22.9444

■ 63.2655, 51.0267,
53.3087

■ 63.7070, 51.2033,
55.6335

Harmonies

Analogous

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



28.2418, 33.0395, 30.3243



27.6823, 33.0395, 35.4901



28.0838, 33.0395, 41.3545

Triad

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



27.6823, 33.0395, 35.4901



33.2294, 33.0395, 46.7652



33.5358, 33.0395, 27.3897

Complementary

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



27.6823, 33.0395, 35.4901



27.1387, 24.7437, 26.6395

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.



34.9740, 33.0395, 31.0824



27.6823, 33.0395, 35.4901



34.7918, 33.0395, 42.2860

Square

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



27.6823, 33.0395, 35.4901



31.2335, 33.0395, 48.2636



35.4431, 33.0395, 36.4631



31.5732, 33.0395, 25.9713

Rectangle

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



27.6823, 33.0395, 35.4901



28.8524, 33.0395, 44.8082



35.4431, 33.0395, 36.4631



34.0998, 33.0395, 28.3853

Sweetspot

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



27.6832, 33.0409, 35.4908



57.8172, 63.3115, 68.8124



27.1800, 33.0127, 25.0187



12.9104, 14.1817, 15.4101



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.



27.6832, 33.0409, 35.4908



46.9982, 57.8796, 61.7352



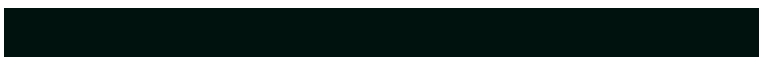
27.0191, 30.4673, 39.1087



7.2001, 7.9808, 8.6654



12.9396, 21.4622, 17.9302



0.2890, 0.4578, 0.4671

Inverse Universe

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



27.1387, 24.7437, 26.6395



45.8317, 40.0800, 42.7552



27.6560, 26.7595, 23.7866



7.1431, 7.1137, 7.7397



12.0626, 6.1811, 2.2541



0.2711, 0.1369, 0.1403

Previews

White Background



This preview shows how the XYZ color 27.6823, 33.0395, 35.4901 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 27.6823, 33.0395, 35.4901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

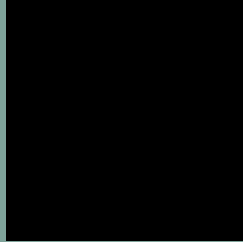
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.6823, 33.0395, 35.4901

Background



This preview shows how black text looks on a background with the XYZ color 27.6823, 33.0395, 35.4901.



This preview shows how white text looks on a background with the XYZ color 27.6823, 33.0395,

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

27.6823, 33.0395, 35.4901

Protanopia

31.2785, 32.6521, 33.0877

Deuteranopia

33.3543, 32.6820, 36.4486



Tritanopia

29.4737, 32.9840, 44.3483

Trichromacy



Original Color

27.6823, 33.0395, 35.4901

Protanomaly

29.6755, 32.5514, 33.9971

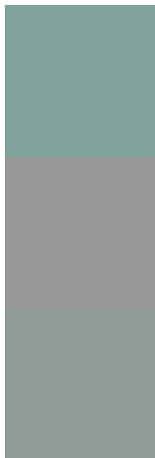
Deuteranomaly

31.0485, 32.7130, 36.1303

Tritanomaly

28.8337, 32.9887, 40.9242

Monochromacy



Original Color

27.6823, 33.0395, 35.4901

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.5442, 31.4605, 34.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6823, 33.0395, 35.4901 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, 163, 154)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 154)  
}
```

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, 163, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.6823, 33.0395, 35.4901 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, 163, 154) }
```


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

```
.border{ border-color:rgb(127, 163, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 163, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 154);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6823, 33.0395, 35.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 154) }
```

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

```
.background{ background-color: rgb(127,  
163, 154) }
```

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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