

Converting Colors

XYZ(31.0810, 35.7525, 44.9155)

Have a look what the booklet for
XYZ(31.0810, 35.7525, 44.9155)
contains.

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Color

**XYZ(31.0344, 35.6411,
44.7789)**

Conversions

Conversions Part 1

Format	Color
Hex	85A7AD
RGB	133, 167, 173
RGB Percent	52%, 65%, 68%
CMY	0.4784, 0.3451, 0.3216
CMYK	0.23, 0.03, 0.00, 0.32
HSL	189°, 20%, 60%
HSV	189°, 23%, 68%
XYZ	31.0344, 35.6411, 44.7789
YIQ	157.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

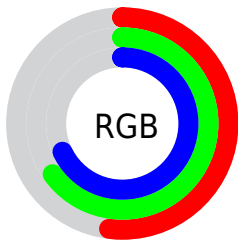
Format	Color
RYB	133, 151, 173
Decimal	8759213
CIELab	66.24, -10.20, -6.93
CIELCh	66, 12.333, 214.185
Yxy	35.6411, 0.2784, 0.3198
Android (android.graphics.Color)	4286949293 (0xFF85A7AD)
YUV	157.5180, 7.6326, -21.5023
Hunter-Lab	59.7002, -11.6843, -2.6811

Details

The XYZ color **31.0344, 35.6411, 44.7789** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7002, 29.0431, 26.1788**, and the grayscale version is **32.2559, 33.9357, 36.9560**.

A 20% lighter version of the original color is **60.6184, 68.4088, 83.4081**, and **13.0616, 15.4358, 20.3801** is the 20% darker color. If you saturate the color by 10%, you get **28.0546, 33.4074, 44.5054**, and if you desaturate by 10%, it is **34.4757, 38.1287, 45.0783**.

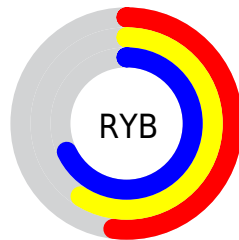
Distribution



Red (52%)

Green (65%)

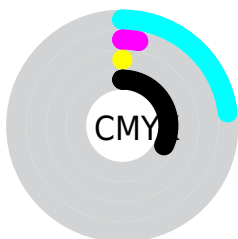
Blue (68%)



Red (52%)

Yellow (59%)

Blue (68%)

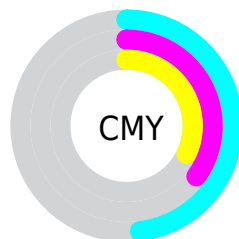


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0344, 35.6411, 44.7789 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 31.0344, 35.6411, 44.7789 by changing the saturation by 10% instead.

■ 31.0344, 35.6411,
44.7789

■ 31.0344, 35.6411,
44.7789

298.5208,
327.3891, 382.0113

■ 20.7770, 24.1571,
30.9416

■ 60.6697, 68.4778,
83.7035

■ 13.0726, 15.4502,
20.2963

■ 80.7783, 90.5992,
109.6278

■ 7.5559, 9.1360,
12.4244

■ 104.9014,
117.0353, 140.4183

■ 3.8615, 4.8300,
6.9074

133.4042,
148.1705, 176.4934

■ 1.6241, 2.1479,
3.3267

166.6522,
184.3890, 218.2718

■ 0.4080, 0.6913,
1.2638

205.0108,

■ 0.0000, 0.0000,

226.0754, 266.1718

0.0318

248.8452,
273.6140, 320.6122

■ 0.0000, 0.0000,
0.0000

■ 31.0344, 35.6411,
44.7789

■ 31.0344, 35.6411,
44.7789

■ 28.0546, 33.4074,
44.5054

■ 34.4757, 38.1287,
45.0783

■ 25.5112, 31.4118,
44.2543

■ 38.3958, 40.8764,
45.4020

■ 23.3812, 29.6434,
44.0252

■ 42.8153, 43.8959,
45.7519

■ 21.6383, 28.0884,
43.8169

■ 47.7522, 47.1965,
46.1288

■ 20.2534, 26.7318,
43.6280

■ 53.2238, 50.7873,
46.5335

■ 19.1927, 25.5560,
43.4570

■ 59.2467, 54.6768,
46.9668

■ 18.4160, 24.5404,
43.3019

■ 65.8365, 58.8732,
47.4295

■ 17.9860, 23.9033,
43.2016

■ 66.7141, 60.1396,
47.6276

■ 67.2724, 61.2561,
47.8137

Harmonies

Analogous

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



30.4706, 35.6411, 39.5507



31.0344, 35.6411, 44.7789



32.3593, 35.6411, 48.6546

Triad

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



31.0344, 35.6411, 44.7789



37.1593, 35.6411, 43.3857



33.6185, 35.6411, 29.5590

Complementary

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



31.0344, 35.6411, 44.7789



30.7002, 29.0431, 26.1788

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.



35.4389, 35.6411, 30.3870



31.0344, 35.6411, 44.7789



37.5257, 35.6411, 38.0729

Square

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



31.0344, 35.6411, 44.7789



35.9014, 35.6411, 47.8005



36.8855, 35.6411, 33.3913



31.9279, 35.6411, 31.0190

Rectangle

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



31.0344, 35.6411, 44.7789



33.5188, 35.6411, 49.7775



36.8855, 35.6411, 33.3913



34.2353, 35.6411, 29.5800

Sweetspot

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



31.0355, 35.6425, 44.7797



65.8494, 71.1802, 81.0743



29.2287, 36.7190, 29.7192



14.2236, 15.4082, 17.6121



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.



31.0355, 35.6425, 44.7797



52.6165, 61.6297, 79.9283



27.7541, 29.0798, 43.6859



8.1325, 8.8643, 10.2351



13.2462, 17.6263, 31.7486



0.3957, 0.5448, 0.8923

Inverse Universe

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



32.5970, 28.4501, 40.3342



55.9719, 46.5052, 70.3018



33.7517, 35.1460, 27.1960



8.2847, 8.1271, 9.8099



16.5497, 8.0824, 21.0721



0.4741, 0.2303, 0.6586

Previews

White Background



This preview shows how the XYZ color 31.0344, 35.6411, 44.7789 looks on a white background.

Color Contrast Check

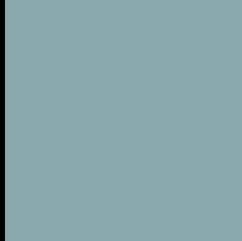
Large Text (above 18pt) WCAG AA × Fail

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 31.0344, 35.6411, 44.7789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

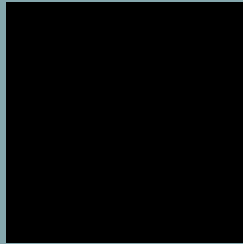
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0344, 35.6411, 44.7789

Background



This preview shows how black text looks on a background with the XYZ color 31.0344, 35.6411, 44.7789.



This preview shows how white text looks on a background with the XYZ color 31.0344, 35.6411,

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

31.0344, 35.6411, 44.7789

Protanopia

34.4302, 35.5833, 42.5897

Deuteranopia

36.2039, 35.4181, 45.4857



Tritanopia

31.6044, 35.5954, 47.8527

Trichromacy



Original Color

31.0344, 35.6411, 44.7789

Protanomaly

33.1154, 35.6760, 43.1710

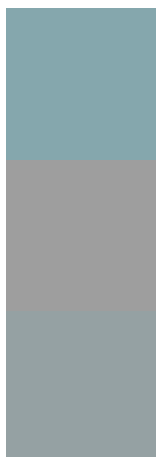
Deuteranomaly

34.1154, 35.3657, 45.0726

Tritanomaly

31.4035, 35.5151, 46.7949

Monochromacy



Original Color

31.0344, 35.6411, 44.7789

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.7502, 34.5236, 39.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0344, 35.6411, 44.7789 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(133, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 167, 173)  
}
```

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(133, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 167, 173) }
```

Border

The CSS property to change the border of an element to XYZ 31.0344, 35.6411, 44.7789 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(133, 167, 173) }
```


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

```
.border{ border-color:rgb(133, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 167,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0344, 35.6411, 44.7789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 167, 173) }
```

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

```
.background{ background-color: rgb(133,  
167, 173) }
```

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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