

Converting Colors

XYZ(30.7893, 34.9721, 43.5807)

Have a look what the booklet for
XYZ(30.7893, 34.9721, 43.5807)
contains.

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Color

**XYZ(30.7975, 35.0014,
43.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	87A5AB
RGB	135, 165, 171
RGB Percent	53%, 65%, 67%
CMY	0.4706, 0.3529, 0.3294
CMYK	0.21, 0.04, 0.00, 0.33
HSL	190°, 18%, 60%
HSV	190°, 21%, 67%
XYZ	30.7975, 35.0014, 43.6608
YIQ	156.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

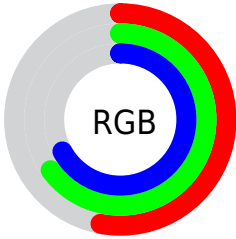
Format	Color
RYB	135, 151, 171
Decimal	8889771
CIELab	65.75, -8.95, -6.53
CIElCh	66, 11.079, 216.144
Yxy	35.0014, 0.2814, 0.3198
Android (android.graphics.Color)	4287079851 (0xFF87A5AB)
YUV	156.7140, 7.0430, -19.0432
Hunter-Lab	59.1620, -10.6131, -2.3419

Details

The XYZ color **30.7975, 35.0014, 43.6608** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.6930, 29.4571, 26.9906**, and the grayscale version is **31.8959, 33.5570, 36.5436**.

A 20% lighter version of the original color is **60.3069, 67.4962, 81.8011**, and **12.8911, 15.0270, 19.6738** is the 20% darker color. If you saturate the color by 10%, you get **27.7562, 32.6800, 43.3736**, and if you desaturate by 10%, it is **34.2942, 37.5764, 43.9741**.

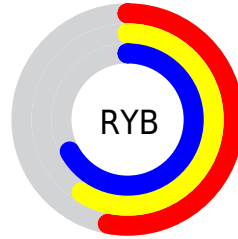
Distribution



Red (53%)

Green (65%)

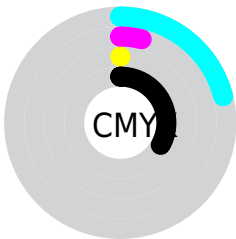
Blue (67%)



Red (53%)

Yellow (59%)

Blue (67%)

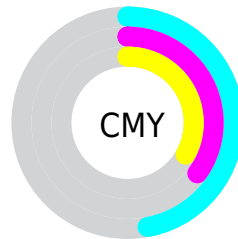


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7975, 35.0014, 43.6608 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 30.7975, 35.0014, 43.6608 by changing the saturation by 10% instead.

■ 30.7975, 35.0014,
43.6608

■ 30.7975, 35.0014,
43.6608

297.4479,
324.5745, 377.3231

■ 20.5958, 23.6640,
30.0687

■ 60.2991, 67.4879,
82.0041

■ 12.9396, 15.0845,
19.6382

■ 80.3297, 89.4058,
107.5924

■ 7.4637, 8.8787,
11.9509

■ 104.3673,
115.6193, 138.0165

■ 3.8026, 4.6622,
6.5881

132.7773,
146.5128, 173.6949

■ 1.5911, 2.0504,
3.1314

165.9250,
182.4706, 215.0463

■ 0.3866, 0.6365,
1.1621

204.1757,

■ 0.0000, 0.0000,

223.8773, 262.4891

0.0000

247.8949,
271.1171, 316.4418

■ 30.7975, 35.0014,
43.6608

■ 30.7975, 35.0014,
43.6608

■ 27.7562, 32.6800,
43.3736

■ 34.2942, 37.5764,
43.9741

■ 25.1461, 30.5969,
43.1091

■ 38.2630, 40.4109,
44.3120

■ 22.9454, 28.7417,
42.8670

■ 42.7234, 43.5160,
44.6763

■ 21.1291, 27.1012,
42.6461

■ 47.6930, 46.9010,
45.0677

■ 19.6694, 25.6612,
42.4450

■ 53.1884, 50.5745,
45.4871

■ 18.5346, 24.4051,
42.2624

■ 59.2254, 54.5447,
45.9353

■ 17.6873, 23.3135,
42.0964

■ 65.8194, 58.8197,
46.4129

■ 17.0999, 22.4385,
41.9584

■ 66.5304, 60.0796,
46.6186

■ 67.1443, 61.3072,
46.8232

Harmonies

Analogous

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



30.2443, 35.0014, 39.0805



30.7975, 35.0014, 43.6608



32.0147, 35.0014, 46.9348

Triad

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



30.7975, 35.0014, 43.6608



36.2210, 35.0014, 41.8621



32.9331, 35.0014, 29.8553

Complementary

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



30.7975, 35.0014, 43.6608



30.6930, 29.4571, 26.9906

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.



34.5531, 35.0014, 30.4681



30.7975, 35.0014, 43.6608



36.4863, 35.0014, 37.1568

Square

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



30.7975, 35.0014, 43.6608



35.1532, 35.0014, 45.8384



35.8667, 35.0014, 33.0519



31.4510, 35.0014, 31.3041

Rectangle

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



30.7975, 35.0014, 43.6608



33.0572, 35.0014, 47.7989



35.8667, 35.0014, 33.0519



33.4793, 35.0014, 29.8287

Sweetspot

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



30.7985, 35.0028, 43.6616



64.8257, 69.7476, 79.0478



29.3185, 36.1826, 30.4053



14.3576, 15.4833, 17.6195



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.



30.7985, 35.0028, 43.6616



52.6681, 60.8070, 77.9629



27.8704, 29.1465, 42.6855



8.1211, 8.8415, 10.2312



12.9236, 16.9810, 31.6410



0.3892, 0.5317, 0.8901

Inverse Universe

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



32.2509, 28.7033, 39.4393



55.7457, 47.7037, 68.9607



33.4636, 34.9983, 27.9141



8.2789, 8.1248, 9.7795



16.3869, 8.0173, 20.2145



0.4708, 0.2290, 0.6412

Previews

White Background



This preview shows how the XYZ color 30.7975, 35.0014, 43.6608 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 30.7975, 35.0014, 43.6608 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 30.7975, 35.0014, 43.6608

Background



This preview shows how black text looks on a background with the XYZ color 30.7975, 35.0014, 43.6608.



This preview shows how white text looks on a background with the XYZ color 30.7975, 35.0014,

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

30.7975, 35.0014, 43.6608

Protanopia

33.6991, 34.7173, 41.4842

Deuteranopia

35.6264, 34.8948, 44.3928



Tritanopia

31.3646, 34.9595, 46.6897

Trichromacy



Original Color

30.7975, 35.0014, 43.6608

Protanomaly

32.5753, 34.8962, 42.0645

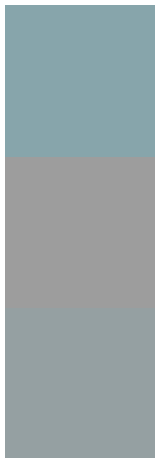
Deuteranomaly

33.7492, 34.9429, 43.9956

Tritanomaly

31.1667, 34.8803, 45.6474

Monochromacy



Original Color

30.7975, 35.0014, 43.6608

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4868, 34.1398, 39.1125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7975, 35.0014, 43.6608 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(135, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 165, 171)  
}
```

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(135, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 165, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.7975, 35.0014, 43.6608 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(135, 165, 171) }
```


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

```
.border{ border-color:rgb(135, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(135, 165,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7975, 35.0014, 43.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 165, 171) }
```

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

```
.background{ background-color: rgb(135,  
165, 171) }
```

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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