

Converting Colors

XYZ(31.5197, 34.9345, 45.3893)

Have a look what the booklet for
XYZ(31.5197, 34.9345, 45.3893)
contains.

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Color

**XYZ(31.6608, 35.1350,
45.6705)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA4AF
RGB	139, 164, 175
RGB Percent	55%, 64%, 69%
CMY	0.4549, 0.3568, 0.3137
CMYK	0.21, 0.06, 0.00, 0.31
HSL	198°, 18%, 62%
HSV	198°, 21%, 69%
XYZ	31.6608, 35.1350, 45.6705
YIQ	157.7790, -18.4310, -1.8790

Conversions

Conversions Part 2

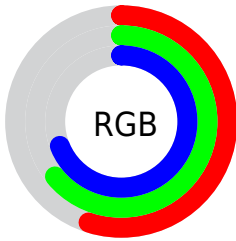
Format	Color
R _Y B	139, 154, 175
Decimal	9151663
CIE Lab	65.85, -6.22, -8.58
CIE LCh	66, 10.598, 234.095
Yxy	35.1350, 0.2815, 0.3124
Android (android.graphics.Color)	4287341743 (0xFF8BA4AF)
YUV	157.7790, 8.4900, -16.4692
Hunter-Lab	59.2748, -8.3876, -4.1899

Details

The XYZ color **31.6608, 35.1350, 45.6705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2462, 32.7909, 29.0039**, and the grayscale version is **32.3689, 34.0546, 37.0854**.

A 20% lighter version of the original color is **61.7476, 67.7700, 85.4278**, and **13.3938, 15.0931, 20.9462** is the 20% darker color. If you saturate the color by 10%, you get **28.0329, 31.8749, 45.2330**, and if you desaturate by 10%, it is **35.7988, 38.7195, 46.1449**.

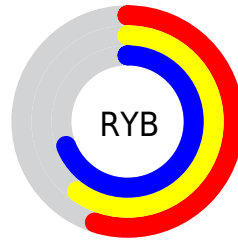
Distribution



Red (55%)

Green (64%)

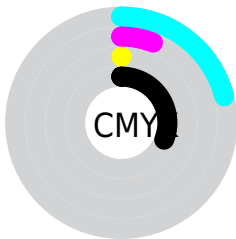
Blue (69%)



Red (55%)

Yellow (60%)

Blue (69%)

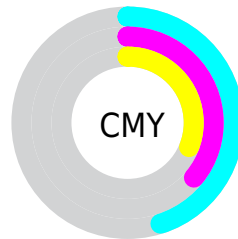


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6608, 35.1350, 45.6705 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 31.6608, 35.1350, 45.6705 by changing the saturation by 10% instead.

■ 31.6608, 35.1350,
45.6705

■ 31.6608, 35.1350,
45.6705

301.3440,
325.1638, 385.7214

■ 21.2568, 23.7669,
31.6391

■ 61.6477, 67.6949,
85.0547

■ 13.4254, 15.1608,
20.8235

■ 81.9614, 89.6554,
111.2447

■ 7.8011, 8.9323,
12.8050

■ 106.3091,
115.9155, 142.3245

■ 4.0187, 4.6971,
7.1653

135.0560,
146.8596, 178.7128

■ 1.7127, 2.0706,
3.4857

168.5676,
182.8721, 220.8281

■ 0.4642, 0.6480,
1.3477

207.2093,

■ 0.0000, 0.0000,

224.3374, 269.0889

0.1004

251.3463,
271.6398, 323.9138

■ 0.0000, 0.0000,
0.0000

■ 31.6608, 35.1350,
45.6705

■ 31.6608, 35.1350,
45.6705

■ 28.0329, 31.8749,
45.2330

■ 35.7988, 38.7195,
46.1449

■ 24.8892, 28.9226,
44.8289

■ 40.4649, 42.6359,
46.6549

■ 22.2064, 26.2661,
44.4575

■ 45.6803, 46.8965,
47.2024

■ 19.9575, 23.8908,
44.1176

■ 51.4636, 51.5117,
47.7884

■ 18.1129, 21.7807,
43.8075

■ 57.8330, 56.4915,
48.4139

■ 16.6388, 19.9175,
43.5255

■ 64.8055, 61.8454,
49.0798

■ 15.4954, 18.2799,
43.2697

■ 69.9645, 66.3283,
49.6731

■ 14.6408, 16.9009,
43.0486

■ 71.2362, 68.8715,
50.0970

■ 72.5516, 71.5025,
50.5355

Harmonies

Analogous

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



30.7222, 35.1350, 41.8837



31.6608, 35.1350, 45.6705



33.0861, 35.1350, 47.4855

Triad

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



31.6608, 35.1350, 45.6705



36.4786, 35.1350, 39.1496



32.1812, 35.1350, 30.9152

Complementary

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



31.6608, 35.1350, 45.6705



33.2462, 32.7909, 29.0039

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.



33.7053, 35.1350, 30.3074



31.6608, 35.1350, 45.6705



36.2180, 35.1350, 34.8442

Square

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



31.6608, 35.1350, 45.6705



35.8922, 35.1350, 43.5364



35.1909, 35.1350, 31.6909



31.0160, 35.1350, 33.4209

Rectangle

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



31.6608, 35.1350, 45.6705



34.1330, 35.1350, 47.2391



35.1909, 35.1350, 31.6909



32.6672, 35.1350, 30.4908

Sweetspot

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



31.6618, 35.1364, 45.6713



67.7271, 72.4024, 83.0423



31.4671, 38.3452, 34.5134



14.9365, 15.9942, 18.4443



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.6618, 35.1364, 45.6713



53.4338, 60.0170, 81.4051



28.6958, 29.2044, 44.6826



8.0267, 8.6528, 10.1998



10.5408, 12.2154, 30.8468



0.3385, 0.4304, 0.8732

Inverse Universe

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



33.6135, 30.2604, 39.1927



57.6625, 49.7860, 67.2930



36.3058, 38.9102, 30.0238



8.2313, 8.1058, 9.5288



15.1841, 7.5362, 13.8810



0.4453, 0.2188, 0.5066

Previews

White Background



This preview shows how the XYZ color 31.6608, 35.1350, 45.6705 looks on a white background.

Color Contrast Check

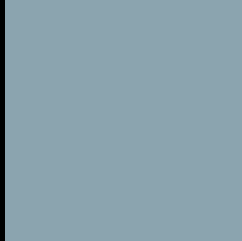
Large Text (above 18pt) WCAG AA × Fail

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 31.6608, 35.1350, 45.6705 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

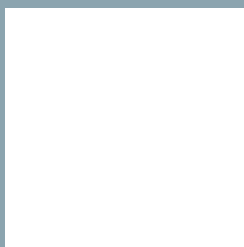
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6608, 35.1350, 45.6705

Background



This preview shows how black text looks on a background with the XYZ color 31.6608, 35.1350, 45.6705.



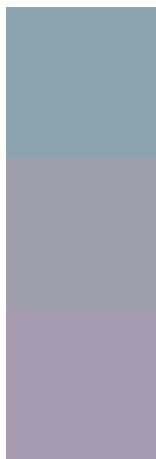
This preview shows how white text looks on a background with the XYZ color 31.6608, 35.1350,

45.6705.

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

31.6608, 35.1350, 45.6705

Protanopia

34.1426, 35.1458, 44.0140

Deuteranopia

35.5935, 34.8325, 46.4423



Tritanopia

31.8587, 35.2142, 46.7129

Trichromacy



Original Color

31.6608, 35.1350, 45.6705

Protanomaly

33.2366, 35.1823, 44.5743

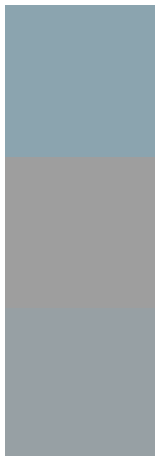
Deuteranomaly

33.9680, 34.7564, 45.9926

Tritanomaly

31.7594, 35.1745, 46.1897

Monochromacy



Original Color

31.6608, 35.1350, 45.6705

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0341, 34.4013, 40.0737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6608, 35.1350, 45.6705 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(139, 164, 175)` looks like.

```
.text, #text, p{  
    color:rgb(139, 164, 175)  
}
```

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(139, 164, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 164, 175) }
```

Border

The CSS property to change the border of an element to XYZ 31.6608, 35.1350, 45.6705 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(139, 164, 175) }
```


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

```
.border{ border-color:rgb(139, 164, 175) }
```

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

Here you see how a box with a 4 pixel rgb(139, 164, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 164, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 164, 175);  
box-shadow:4px 4px 4px 4px rgb(139, 164,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6608, 35.1350, 45.6705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 164, 175) }
```

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

```
.background{ background-color: rgb(139,  
164, 175) }
```

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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