

Converting Colors

XYZ(30.7999, 34.5034, 45.3969)

Have a look what the booklet for
XYZ(30.7999, 34.5034, 45.3969)
contains.

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Color

**XYZ(30.8267, 34.4404,
45.5804)**

Conversions

Conversions Part 1

Format	Color
Hex	87A3AF
RGB	135, 163, 175
RGB Percent	53%, 64%, 69%
CMY	0.4706, 0.3608, 0.3137
CMYK	0.23, 0.07, 0.00, 0.31
HSL	198°, 20%, 61%
HSV	198°, 23%, 69%
XYZ	30.8267, 34.4404, 45.5804
YIQ	155.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

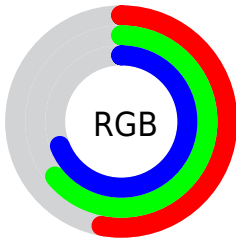
Format	Color
RYB	135, 151, 175
Decimal	8889263
CIELab	65.31, -6.95, -9.42
CIELCh	65, 11.706, 233.604
Yxy	34.4404, 0.2781, 0.3107
Android (android.graphics.Color)	4287079343 (0xFF87A3AF)
YUV	155.9960, 9.3690, -18.4135
Hunter-Lab	58.6859, -8.9375, -4.9694

Details

The XYZ color **30.8267, 34.4404, 45.5804** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4864, 31.7308, 27.3348**, and the grayscale version is **31.5650, 33.2089, 36.1644**.

A 20% lighter version of the original color is **60.4815, 66.7311, 85.2940**, and **12.9157, 14.6838, 20.8924** is the 20% darker color. If you saturate the color by 10%, you get **27.3267, 31.2819, 45.1558**, and if you desaturate by 10%, it is **34.8303, 37.9177, 46.0411**.

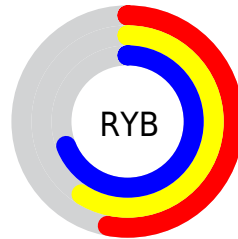
Distribution



Red (53%)

Green (64%)

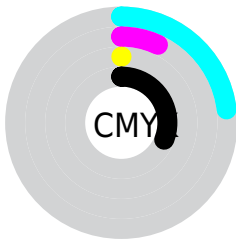
Blue (69%)



Red (53%)

Yellow (59%)

Blue (69%)

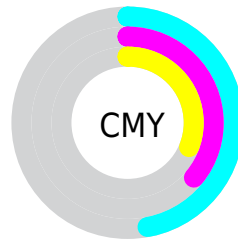


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8267, 34.4404, 45.5804 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 30.8267, 34.4404, 45.5804 by changing the saturation by 10% instead.

■ 30.8267, 34.4404,
45.5804

■ 30.8267, 34.4404,
45.5804

297.5803,
322.0913, 385.3476

■ 20.6181, 23.2321,
31.5686

■ 60.3448, 66.6179,
84.9183

■ 12.9560, 14.7650,
20.7701

■ 80.3851, 88.3560,
111.0815

■ 7.4750, 8.6546,
12.7664

■ 104.4332,
114.3728, 142.1322

■ 3.8099, 4.5166,
7.1391

132.8547,
145.0527, 178.4890

■ 1.5951, 1.9665,
3.4695

166.0147,
180.7801, 220.5704

■ 0.3892, 0.5879,
1.3391

204.2788,

■ 0.0000, 0.0000,

221.9394, 268.7949

0.0935

248.0122,
268.9150, 323.5811

■ 0.0000, 0.0000,
0.0000

■ 30.8267, 34.4404,
45.5804

■ 30.8267, 34.4404,
45.5804

■ 27.3267, 31.2819,
45.1558

■ 34.8303, 37.9177,
46.0411

■ 24.3041, 28.4253,
44.7637

■ 39.3559, 41.7214,
46.5368

■ 21.7350, 25.8587,
44.4037

■ 44.4248, 45.8639,
47.0692

■ 19.5920, 23.5670,
44.0743

■ 50.0560, 50.3557,
47.6394

■ 17.8447, 21.5339,
43.7740

■ 56.2676, 55.2068,
48.2484

■ 16.4582, 19.7407,
43.5009

■ 63.0769, 60.4267,
48.8971

■ 15.3907, 18.1650,
43.2531

■ 69.5739, 65.5469,
49.5429

■ 14.7602, 17.1397,
43.0884

■ 70.8085, 68.0163,
49.9545

■ 72.0854, 70.5700,
50.3801

Harmonies

Analogous

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



29.8201, 34.4404, 41.3881



30.8267, 34.4404, 45.5804



32.3705, 34.4404, 47.6307

Triad

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



30.8267, 34.4404, 45.5804



36.1034, 34.4404, 38.5559



31.4387, 34.4404, 29.5340

Complementary

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



30.8267, 34.4404, 45.5804



32.4864, 31.7308, 27.3348

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.



33.1013, 34.4404, 28.9180



30.8267, 34.4404, 45.5804



35.8330, 34.4404, 33.8629

Square

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



30.8267, 34.4404, 45.5804



35.4463, 34.4404, 43.3542



34.7196, 34.4404, 30.4354



30.1648, 34.4404, 32.1976

Rectangle

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



30.8267, 34.4404, 45.5804



33.5121, 34.4404, 47.3906



34.7196, 34.4404, 30.4354



31.9691, 34.4404, 29.0907

Sweetspot

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



30.8277, 34.4418, 45.5812



66.9108, 71.7423, 82.9579



30.5366, 37.8972, 33.0364



14.7668, 15.8575, 18.4268



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.



30.8277, 34.4418, 45.5812



52.2108, 59.0052, 81.2742



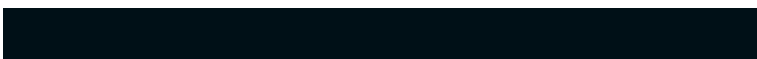
27.6531, 28.0924, 44.5230



8.0305, 8.6603, 10.2010



10.6258, 12.3855, 30.8751



0.3404, 0.4342, 0.8739

Inverse Universe

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



32.9548, 29.0870, 38.5293



56.6952, 48.0588, 66.3310



35.7499, 38.2577, 28.4226



8.2332, 8.1065, 9.5387



15.2271, 7.5534, 14.1070



0.4462, 0.2192, 0.5116

Previews

White Background



This preview shows how the XYZ color 30.8267, 34.4404, 45.5804 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 30.8267, 34.4404, 45.5804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

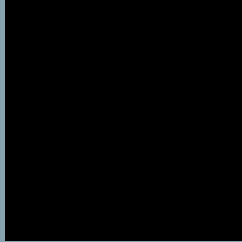
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

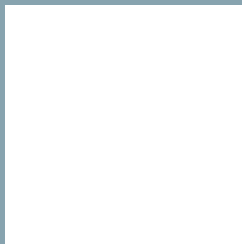
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8267, 34.4404, 45.5804

Background



This preview shows how black text looks on a background with the XYZ color 30.8267, 34.4404, 45.5804.

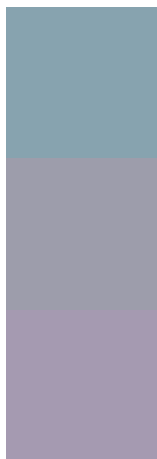


This preview shows how white text looks on a background with the XYZ color 30.8267, 34.4404,

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

30.8267, 34.4404, 45.5804

Protanopia

33.3123, 34.2223, 43.3779

Deuteranopia

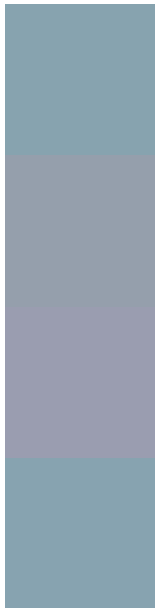
35.0085, 34.2849, 46.3675



Tritanopia

30.9253, 34.4799, 46.0996

Trichromacy



Original Color

30.8267, 34.4404, 45.5804

Protanomaly

32.2390, 34.1644, 43.9249

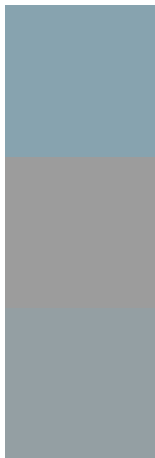
Deuteranomaly

33.2199, 34.1186, 45.9090

Tritanomaly

30.9253, 34.4799, 46.0996

Monochromacy



Original Color

30.8267, 34.4404, 45.5804

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2217, 33.7365, 39.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8267, 34.4404, 45.5804 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, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(135, 163, 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(135, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 163, 175) }
```

Border

The CSS property to change the border of an element to XYZ 30.8267, 34.4404, 45.5804 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, 163, 175) }
```


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

```
.border{ border-color:rgb(135, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(135, 163,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8267, 34.4404, 45.5804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 163, 175) }
```

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

```
.background{ background-color: rgb(135,  
163, 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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