

Converting Colors

XYZ(31.6913, 34.1186, 45.9460)

Have a look what the booklet for
XYZ(31.6913, 34.1186, 45.9460)
contains.

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Color

**XYZ(31.7350, 34.1158,
45.9867)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA0B0
RGB	143, 160, 176
RGB Percent	56%, 63%, 69%
CMY	0.4392, 0.3725, 0.3098
CMYK	0.19, 0.09, 0.00, 0.31
HSL	209°, 17%, 63%
HSV	209°, 19%, 69%
XYZ	31.7350, 34.1158, 45.9867
YIQ	156.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

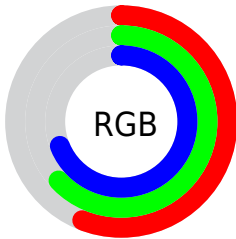
Format	Color
RYB	143, 154, 176
Decimal	9412784
CIELab	65.05, -2.50, -10.31
CIELCh	65, 10.606, 256.368
Yxy	34.1158, 0.2838, 0.3050
Android (android.graphics.Color)	4287602864 (0xFF8FA0B0)
YUV	156.7410, 9.4947, -12.0509
Hunter-Lab	58.4087, -5.2315, -5.7944

Details

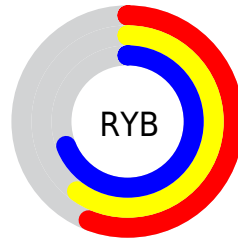
The XYZ color **31.7350, 34.1158, 45.9867** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2610, 36.0098, 31.0796**, and the grayscale version is **31.8959, 33.5570, 36.5436**.

A 20% lighter version of the original color is **61.8919, 66.2974, 85.8786**, and **13.5204, 14.6678, 21.1874** is the 20% darker color. If you saturate the color by 10%, you get **27.4954, 29.8100, 45.3796**, and if you desaturate by 10%, it is **36.5563, 38.8739, 46.6516**.

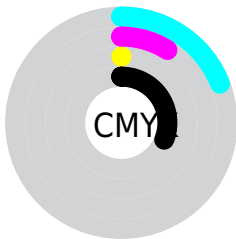
Distribution



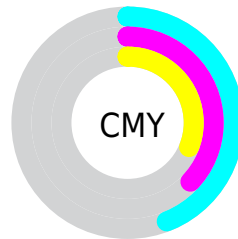
- Red (56%)
- Green (63%)
- Blue (69%)



- Red (56%)
- Yellow (60%)
- Blue (69%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7350, 34.1158, 45.9867 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 31.7350, 34.1158, 45.9867 by changing the saturation by 10% instead.

■ 31.7350, 34.1158,
45.9867

■ 31.7350, 34.1158,
45.9867

301.6771,
320.6481, 387.0312

■ 21.3137, 22.9826,
31.8867

■ 61.7634, 66.1137,
85.5332

■ 13.4673, 14.5806,
21.0109

■ 82.1013, 87.7472,
111.8168

■ 7.8303, 8.5256,
12.9406

106.4754,
113.6495, 142.9986

■ 4.0375, 4.4331,
7.2574

135.2511,
144.2051, 179.4973

■ 1.7233, 1.9186,
3.5427

168.7938,
179.7984, 221.7314

■ 0.4708, 0.5596,
1.3780

207.4688,

■ 0.0000, 0.0000,

220.8137, 270.1194

0.1245

251.6414,
267.6355, 325.0798

■ 0.0000, 0.0000,
0.0000

■ 31.7350, 34.1158,
45.9867

■ 31.7350, 34.1158,
45.9867

■ 27.4954, 29.8100,
45.3796

■ 36.5563, 38.8739,
46.6516

■ 23.8100, 25.9367,
44.8262

■ 41.9788, 44.0948,
47.3735

■ 20.6540, 22.4810,
44.3255

■ 48.0251, 49.7938,
48.1548

■ 17.9988, 19.4249,
43.8756

■ 54.7156, 55.9840,
48.9970

■ 15.8133, 16.7490,
43.4743

■ 62.0696, 62.6783,
49.9016

■ 14.0622, 14.4318,
43.1193

■ 70.1057, 69.8887,
50.8698

■ 12.7047, 12.4486,
42.8081

■ 74.5992, 75.4399,
51.7044

■ 11.6690, 10.7587,
42.5365

■ 76.8925, 80.0265,
52.4689

■ 11.5500, 10.5615,
42.5047

■ 79.3018, 84.8450,
53.2719

Harmonies

Analogous

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



30.4307, 34.1158, 43.6102



31.7350, 34.1158, 45.9867



33.2654, 34.1158, 45.8663

Triad

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



31.7350, 34.1158, 45.9867



35.3428, 34.1158, 34.8136



30.3352, 34.1158, 31.6107

Complementary

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



31.7350, 34.1158, 45.9867



35.2610, 36.0098, 31.0796

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.



31.6009, 34.1158, 29.6081



31.7350, 34.1158, 45.9867



34.5068, 34.1158, 31.3550

Square

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



31.7350, 34.1158, 45.9867



35.3815, 34.1158, 39.1755



33.1270, 34.1158, 29.5184



29.6399, 34.1158, 35.1884

Rectangle

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



31.7350, 34.1158, 45.9867



34.2089, 34.1158, 44.3812



33.1270, 34.1158, 29.5184



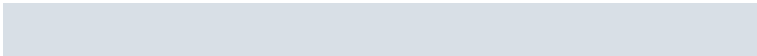
30.7063, 34.1158, 30.7438

Sweetspot

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



31.7360, 34.1172, 45.9875



68.7927, 72.9245, 84.9454



33.1074, 39.3925, 38.6375



14.7784, 15.6778, 18.3916



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.



31.7360, 34.1172, 45.9875



54.6422, 58.9434, 82.9926



29.0702, 28.7856, 45.0989



8.3919, 8.9300, 10.7877



8.5332, 7.8667, 31.2057



0.3266, 0.3637, 1.0012

Inverse Universe

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



34.0730, 31.4140, 37.5269



59.6171, 53.3935, 64.9356



38.2808, 42.0493, 32.0862



8.6730, 8.5759, 9.7765



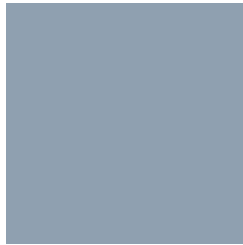
14.5418, 7.3343, 8.0131



0.4869, 0.2425, 0.4066

Previews

White Background



This preview shows how the XYZ color 31.7350, 34.1158, 45.9867 looks on a white background.

Color Contrast Check

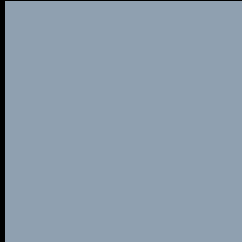
Large Text (above 18pt) WCAG AA × Fail

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 31.7350, 34.1158, 45.9867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

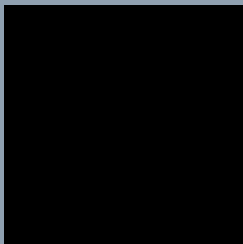
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

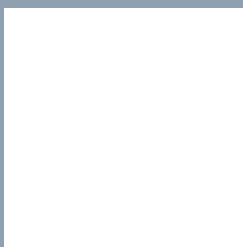
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.7350, 34.1158, 45.9867

Background



This preview shows how black text looks on a background with the XYZ color 31.7350, 34.1158, 45.9867.



This preview shows how white text looks on a background with the XYZ color 31.7350, 34.1158,

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

31.7350, 34.1158, 45.9867

Protanopia

33.4073, 34.2379, 44.8922

Deuteranopia

34.8013, 34.1780, 46.3578



Tritanopia

31.2690, 33.9095, 44.4323

Trichromacy



Original Color

31.7350, 34.1158, 45.9867

Protanomaly

32.7272, 34.1282, 45.4199

Deuteranomaly

33.5346, 34.0192, 46.3939

Tritanomaly

31.3661, 33.9484, 44.9439

Monochromacy



Original Color

31.7350, 34.1158, 45.9867

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.8766, 33.8095, 39.9678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7350, 34.1158, 45.9867 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(143, 160, 176)` looks like.

```
.text, #text, p{  
    color:rgb(143, 160, 176)  
}
```

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(143, 160, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 160, 176) }
```

Border

The CSS property to change the border of an element to XYZ 31.7350, 34.1158, 45.9867 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(143, 160, 176) }
```


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

```
.border{ border-color:rgb(143, 160, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 160, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 160, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 160, 176);  
box-shadow:4px 4px 4px 4px rgb(143, 160,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7350, 34.1158, 45.9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 160, 176) }
```

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

```
.background{ background-color: rgb(143,  
160, 176) }
```

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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