

Converting Colors

XYZ(30.4082, 31.9018, 45.1614)

Have a look what the booklet for
XYZ(30.4082, 31.9018, 45.1614)
contains.

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Color

**XYZ(30.4488, 31.9571,
45.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9AAF
RGB	142, 154, 175
RGB Percent	56%, 60%, 69%
CMY	0.4431, 0.3961, 0.3137
CMYK	0.19, 0.12, 0.00, 0.31
HSL	218°, 17%, 62%
HSV	218°, 19%, 69%
XYZ	30.4488, 31.9571, 45.1210
YIQ	152.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

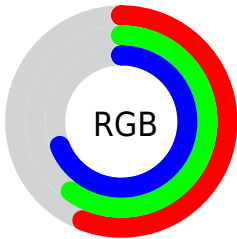
Format	Color
RYB	142, 151, 175
Decimal	9345711
CIELab	63.31, 0.28, -12.37
CIELCh	63, 12.375, 271.294
Yxy	31.9571, 0.2832, 0.2972
Android (android.graphics.Color)	4287535791 (0xFF8E9AAF)
YUV	152.8060, 10.9416, -9.4769
Hunter-Lab	56.5306, -2.7840, -7.7520

Details

The XYZ color **30.4488, 31.9571, 45.1210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6592, 37.2615, 30.9047**, and the grayscale version is **30.1530, 31.7233, 34.5467**.

A 20% lighter version of the original color is **59.7446, 62.6170, 84.5387**, and **12.7398, 13.3547, 20.6451** is the 20% darker color. If you saturate the color by 10%, you get **25.9255, 27.0230, 44.4075**, and if you desaturate by 10%, it is **35.6160, 37.4779, 45.9148**.

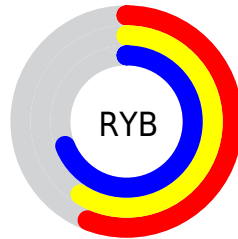
Distribution



Red (56%)

Green (60%)

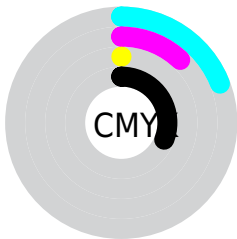
Blue (69%)



Red (56%)

Yellow (59%)

Blue (69%)

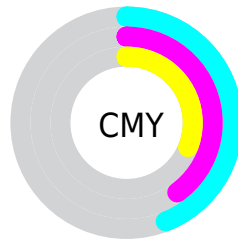


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (40%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4488, 31.9571, 45.1210 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 30.4488, 31.9571, 45.1210 by changing the saturation by 10% instead.

■ 30.4488, 31.9571,
45.1210

■ 30.4488, 31.9571,
45.1210

295.8633,
310.9238, 383.4378

■ 20.3293, 21.3287,
31.2091

■ 59.7530, 62.7438,
84.2223

■ 12.7443, 13.3645,
20.4983

■ 79.6683, 83.6710,
110.2488

■ 7.3285, 7.6800,
12.5701

103.5796,
108.7999, 141.1506

■ 3.7165, 3.8909,
7.0060

131.8523,
138.5148, 177.3463

■ 1.5430, 1.6127,
3.3873

164.8516,
173.2003, 219.2542

■ 0.3548, 0.3662,
1.2957

202.9430,

■ 0.0000, 0.0000,

213.2407, 267.2931

0.0582

246.4918,
259.0204, 321.8815

■ 0.0000, 0.0000,
0.0000

■ 30.4488, 31.9571,
45.1210

■ 30.4488, 31.9571,
45.1210

■ 25.9255, 27.0230,
44.4075

■ 35.6160, 37.4779,
45.9148

■ 22.0166, 22.6510,
43.7697

■ 41.4491, 43.6010,
46.7892

■ 18.6945, 18.8208,
43.2055

■ 47.9727, 50.3460,
47.7473

■ 15.9285, 15.5088,
42.7120

■ 55.2091, 57.7307,
48.7913

■ 13.6845, 12.6898,
42.2861

■ 63.1796, 65.7719,
49.9233

■ 11.9245, 10.3357,
41.9245

■ 71.9048, 74.4860,
51.1455

■ 10.6046, 8.4151,
41.6234

■ 77.8212, 82.0416,
52.2920

■ 9.6486, 6.8793,
41.3773

■ 81.0549, 88.5091,
53.3699

■ 9.5514, 6.7221,
41.3521

■ 84.4908, 95.3808,
54.5152

Harmonies

Analogous

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



28.8172, 31.9571, 43.7571



30.4488, 31.9571, 45.1210



32.1201, 31.9571, 43.5091

Triad

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



30.4488, 31.9571, 45.1210



33.2812, 31.9571, 30.1158



27.5719, 31.9571, 30.4525

Complementary

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



30.4488, 31.9571, 45.1210



35.6592, 37.2615, 30.9047

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.



28.6929, 31.9571, 27.3313



30.4488, 31.9571, 45.1210



31.9864, 31.9571, 27.1501

Square

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



30.4488, 31.9571, 45.1210



33.7929, 31.9571, 34.5830



30.2999, 31.9571, 26.1798



27.1943, 31.9571, 35.0096

Rectangle

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



30.4488, 31.9571, 45.1210



33.0218, 31.9571, 41.0441



30.2999, 31.9571, 26.1798



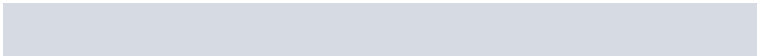
27.8721, 31.9571, 29.2162

Sweetspot

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



30.4498, 31.9584, 45.1217



66.5409, 70.0302, 82.6470



33.0879, 39.0521, 40.3979



14.6467, 15.4144, 18.3477



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.



30.4498, 31.9584, 45.1217



50.7146, 53.0944, 80.2122



29.3369, 28.5897, 44.5301



7.8085, 8.2163, 10.1271



6.8941, 4.9220, 29.6312



0.2447, 0.2429, 0.8420

Inverse Universe

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



33.1857, 30.7939, 34.7680



56.6523, 50.7692, 57.6967



36.9207, 41.2266, 31.6036



8.1211, 8.0617, 8.9487



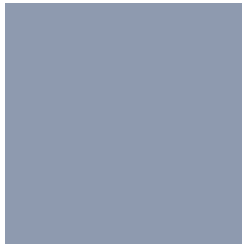
13.3435, 6.7999, 4.1881



0.3979, 0.1999, 0.2573

Previews

White Background



This preview shows how the XYZ color 30.4488, 31.9571, 45.1210 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 30.4488, 31.9571, 45.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

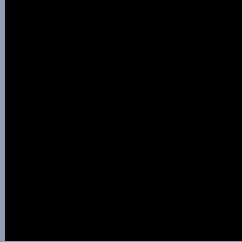
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4488, 31.9571, 45.1210

Background



This preview shows how black text looks on a background with the XYZ color 30.4488, 31.9571, 45.1210.



This preview shows how white text looks on a background with the XYZ color 30.4488, 31.9571,

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

30.4488, 31.9571, 45.1210

Protanopia

31.4459, 31.9965, 44.5630

Deuteranopia

32.4885, 31.7976, 45.4995



Tritanopia

29.7737, 31.9326, 41.6401

Trichromacy



Original Color

30.4488, 31.9571, 45.1210

Protanomaly

31.0638, 32.0415, 44.5918

Deuteranomaly

31.8520, 31.9432, 45.5612

Tritanomaly

30.0565, 32.0457, 43.1294

Monochromacy



Original Color

30.4488, 31.9571, 45.1210

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2187, 31.7452, 38.2530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4488, 31.9571, 45.1210 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(142, 154, 175)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 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(142, 154, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 175) }
```

Border

The CSS property to change the border of an element to XYZ 30.4488, 31.9571, 45.1210 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(142, 154, 175) }
```


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

```
.border{ border-color:rgb(142, 154, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 154, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 175);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4488, 31.9571, 45.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 175) }
```

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

```
.background{ background-color: rgb(142,  
154, 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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