

Converting Colors

XYZ(30.5494, 31.6648, 46.5502)

Have a look what the booklet for
XYZ(30.5494, 31.6648, 46.5502)
contains.

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Color

**XYZ(30.5824, 31.7476,
46.6355)**

Conversions

Conversions Part 1

Format	Color
Hex	8E99B2
RGB	142, 153, 178
RGB Percent	56%, 60%, 70%
CMY	0.4431, 0.4000, 0.3020
CMYK	0.20, 0.14, 0.00, 0.30
HSL	222°, 19%, 63%
HSV	222°, 20%, 70%
XYZ	30.5824, 31.7476, 46.6355
YIQ	152.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

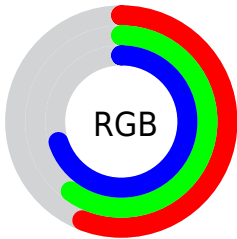
Format	Color
R_{YB}	142, 150, 178
Decimal	9345458
CIE Lab	63.13, 1.53, -14.32
CIE LCh	63, 14.402, 276.089
Yxy	31.7476, 0.2807, 0.2914
Android (android.graphics.Color)	4287535538 (0xFF8E99B2)
YUV	152.5610, 12.5414, -9.2620
Hunter-Lab	56.3450, -1.7193, -9.6315

Details

The XYZ color **30.5824, 31.7476, 46.6355** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0615, 39.0553, 31.1769**, and the grayscale version is **30.0403, 31.6047, 34.4175**.

A 20% lighter version of the original color is **59.9291, 62.3019, 86.7088**, and **12.7674, 13.2076, 21.2784** is the 20% darker color. If you saturate the color by 10%, you get **25.8497, 26.4592, 45.8647**, and if you desaturate by 10%, it is **36.0144, 37.7092, 47.5004**.

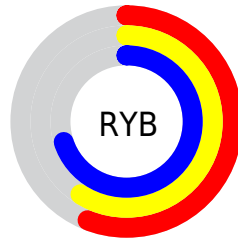
Distribution



Red (56%)

Green (60%)

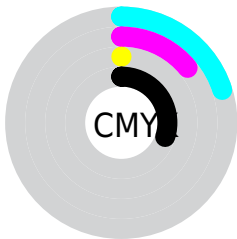
Blue (70%)



Red (56%)

Yellow (59%)

Blue (70%)

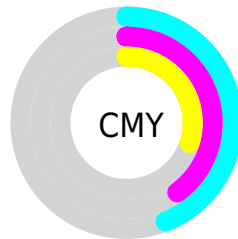


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (40%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5824, 31.7476, 46.6355 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 30.5824, 31.7476, 46.6355 by changing the saturation by 10% instead.

■ 30.5824, 31.7476,
46.6355

■ 30.5824, 31.7476,
46.6355

296.4712,
309.9679, 389.7093

■ 20.4313, 21.1688,
32.3953

■ 59.9623, 62.4152,
86.5136

■ 12.8190, 13.2474,
21.3963

■ 79.9219, 83.2728,
112.9885

■ 7.3802, 7.5992,
13.2199

103.8817,
108.3254, 144.3788

■ 3.7494, 3.8395,
7.4477

132.2070,
137.9574, 181.1030

■ 1.5614, 1.5842,
3.6610

165.2633,
172.5533, 223.5796

■ 0.3670, 0.3469,
1.4412

203.4158,

■ 0.0000, 0.0000,

212.4974, 272.2271

0.1736

247.0300,
258.1741, 327.4642

■ 0.0000, 0.0000,
0.0000

■ 30.5824, 31.7476,
46.6355

■ 30.5824, 31.7476,
46.6355

■ 25.8497, 26.4592,
45.8647

■ 36.0144, 37.7092,
47.5004

■ 21.7838, 21.8155,
45.1827

■ 42.1703, 44.3633,
48.4603

■ 18.3541, 17.7916,
44.5867

■ 49.0773, 51.7334,
49.5189

■ 15.5264, 14.3593,
44.0733

■ 56.7601, 59.8406,
50.6788

■ 13.2626, 11.4881,
43.6384

■ 65.2423, 68.7050,
51.9427

■ 11.5206, 9.1445,
43.2778

■ 74.5466, 78.3461,
53.3133

■ 10.2509, 7.2903,
42.9869

■ 80.2963, 86.5151,
54.5870

■ 9.3738, 5.8900,
42.7628

■ 84.0503, 94.0230,
55.8383

■ 85.0360, 95.9944,
56.1669

Harmonies

Analogous

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



28.6522, 31.7476, 45.5720



30.5824, 31.7476, 46.6355



32.4831, 31.7476, 44.1901

Triad

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



30.5824, 31.7476, 46.6355



33.3706, 31.7476, 28.5122



26.8140, 31.7476, 30.3179

Complementary

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



30.5824, 31.7476, 46.6355



37.0615, 39.0553, 31.1769

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.



27.9792, 31.7476, 26.4546



30.5824, 31.7476, 46.6355



31.7511, 31.7476, 25.4950

Square

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



30.5824, 31.7476, 46.6355



34.1378, 31.7476, 33.4195



29.7715, 31.7476, 24.7851



26.5317, 31.7476, 35.7419

Rectangle

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



30.5824, 31.7476, 46.6355



33.4598, 31.7476, 41.0419



29.7715, 31.7476, 24.7851



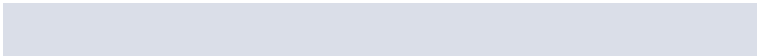
27.1128, 31.7476, 28.8130

Sweetspot

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



30.5834, 31.7489, 46.6362



69.7469, 73.1998, 86.8341



34.0144, 40.3674, 42.3651



15.2961, 16.0482, 19.2137



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.5834, 31.7489, 46.6362



51.7118, 53.4082, 83.9645



30.0311, 28.9130, 46.1179



8.2467, 8.6397, 10.7393



6.7567, 4.3137, 30.6135



0.2655, 0.2415, 0.9809

Inverse Universe

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



33.7836, 31.1116, 34.3630



58.5585, 52.2226, 57.6671



37.6853, 42.4973, 31.8084



8.5997, 8.5466, 9.3907



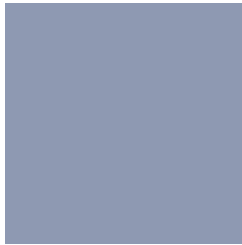
13.6451, 6.9756, 3.2911



0.4560, 0.2302, 0.2442

Previews

White Background



This preview shows how the XYZ color 30.5824, 31.7476, 46.6355 looks on a white background.

Color Contrast Check

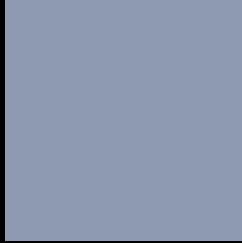
Large Text (above 18pt) WCAG AA × Fail

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 30.5824, 31.7476, 46.6355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

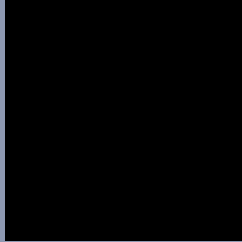
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5824, 31.7476, 46.6355

Background



This preview shows how black text looks on a background with the XYZ color 30.5824, 31.7476, 46.6355.



This preview shows how white text looks on a background with the XYZ color 30.5824, 31.7476,

46.6355.

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

30.5824, 31.7476, 46.6355

Protanopia

31.2152, 31.6034, 46.0498

Deuteranopia

32.4017, 31.7181, 47.0623



Tritanopia

29.5116, 31.8082, 41.1434

Trichromacy



Original Color

30.5824, 31.7476, 46.6355

Protanomaly

31.0181, 31.7418, 46.0869

Deuteranomaly

31.6207, 31.5514, 47.0713

Tritanomaly

29.8908, 31.7142, 43.0741

Monochromacy



Original Color

30.5824, 31.7476, 46.6355

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3072, 31.7807, 38.7193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5824, 31.7476, 46.6355 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, 153, 178)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 178)  
}
```

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, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 178) }
```

Border

The CSS property to change the border of an element to XYZ 30.5824, 31.7476, 46.6355 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, 153, 178) }
```


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

```
.border{ border-color:rgb(142, 153, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 153, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(142, 153,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5824, 31.7476, 46.6355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 178) }
```

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

```
.background{ background-color: rgb(142,  
153, 178) }
```

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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