

Converting Colors

XYZ(31.0595, 31.8634, 43.4999)

Have a look what the booklet for
XYZ(31.0595, 31.8634, 43.4999)
contains.

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Color

**XYZ(31.0691, 31.8246,
43.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	9598AC
RGB	149, 152, 172
RGB Percent	58%, 60%, 67%
CMY	0.4157, 0.4039, 0.3255
CMYK	0.13, 0.12, 0.00, 0.33
HSL	232°, 12%, 63%
HSV	232°, 13%, 67%
XYZ	31.0691, 31.8246, 43.5350
YIQ	153.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

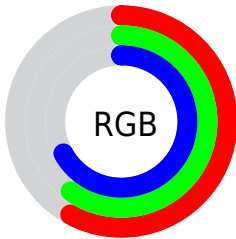
Format	Color
RYB	149, 152, 172
Decimal	9803948
CIELab	63.20, 3.06, -10.79
CIELCh	63, 11.218, 285.829
Yxy	31.8246, 0.2919, 0.2990
Android (android.graphics.Color)	4287994028 (0xFF9598AC)
YUV	153.3830, 9.1782, -3.8439
Hunter-Lab	56.4133, -0.4160, -6.2657

Details

The XYZ color **31.0691, 31.8246, 43.5350** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6263, 39.3165, 34.0930**, and the grayscale version is **30.4097, 31.9934, 34.8408**.

A 20% lighter version of the original color is **60.5650, 62.3852, 81.5225**, and **13.0808, 13.2601, 19.6393** is the 20% darker color. If you saturate the color by 10%, you get **25.8837, 25.7732, 42.6408**, and if you desaturate by 10%, it is **37.0259, 38.7298, 44.5544**.

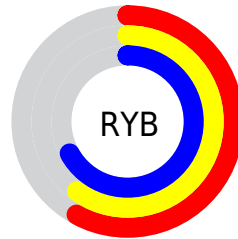
Distribution



Red (58%)

Green (60%)

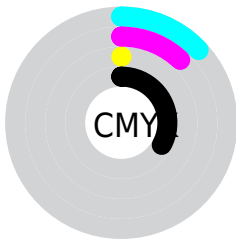
Blue (67%)



Red (58%)

Yellow (60%)

Blue (67%)

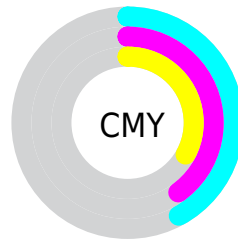


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0691, 31.8246, 43.5350 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 31.0691, 31.8246, 43.5350 by changing the saturation by 10% instead.

■ 31.0691, 31.8246,
43.5350

■ 31.0691, 31.8246,
43.5350

298.6777,
310.3195, 376.7930

■ 20.8036, 21.2276,
29.9706

■ 60.7239, 62.5360,
81.8126

■ 13.0921, 13.2904,
19.5644

■ 80.8440, 83.4192,
107.3628

■ 7.5695, 7.6289,
11.8979

104.9795,
108.4998, 137.7455

■ 3.8702, 3.8584,
6.5525

133.4960,
138.1624, 173.3790

■ 1.6290, 1.5947,
3.1097

166.7586,
172.7913, 214.6820

■ 0.4112, 0.3540,
1.1509

205.1329,

■ 0.0000, 0.0000,

212.7708, 262.0729

0.0000

248.9842,
258.4854, 315.9704

■ 31.0691, 31.8246,
43.5350

■ 31.0691, 31.8246,
43.5350

■ 25.8837, 25.7732,
42.6408

■ 37.0259, 38.7298,
44.5544

■ 21.4354, 20.5383,
41.8648

■ 43.7811, 46.5160,
45.7012

■ 17.6912, 16.0862,
41.2028

■ 51.3637, 55.2143,
46.9805

■ 14.6147, 12.3787,
40.6493

■ 59.8006, 64.8530,
48.3963

■ 12.1662, 9.3749,
40.1986

■ 69.1172, 75.4592,
49.9525

■ 10.3017, 7.0297,
39.8442

■ 79.3382, 87.0588,
51.6527

■ 8.9712, 5.2924,
39.5790

■ 84.4465, 95.7586,
53.0627

■ 8.1162, 4.1051,
39.3948

■ 7.7420, 3.5697,
39.3112

Harmonies

Analogous

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



29.5241, 31.8246, 43.6096



31.0691, 31.8246, 43.5350



32.4382, 31.8246, 40.9499

Triad

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



31.0691, 31.8246, 43.5350



32.3742, 31.8246, 28.8795



27.4481, 31.8246, 32.6025

Complementary

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



31.0691, 31.8246, 43.5350



36.6263, 39.3165, 34.0930

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.



28.1593, 31.8246, 29.0346



31.0691, 31.8246, 43.5350



30.9843, 31.8246, 27.0129

Square

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



31.0691, 31.8246, 43.5350



33.2091, 31.8246, 32.3737



29.4421, 31.8246, 27.0671



27.4690, 31.8246, 37.0339

Rectangle

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



31.0691, 31.8246, 43.5350



33.0514, 31.8246, 38.2676



29.4421, 31.8246, 27.0671



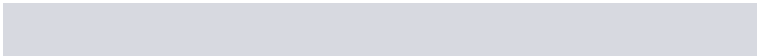
27.6084, 31.8246, 31.2709

Sweetspot

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



31.0701, 31.8259, 43.5357



66.3666, 69.3323, 80.6903



34.3028, 38.7573, 43.1768



14.2414, 14.8575, 17.5049



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.0701, 31.8259, 43.5357



53.4805, 54.3784, 78.4831



32.1839, 31.6860, 43.4500



7.6601, 7.9195, 10.0776



5.7851, 2.7041, 29.2615



0.1867, 0.1267, 0.8226

Inverse Universe

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



33.4290, 32.5334, 34.2249



58.5999, 55.9484, 58.2690



35.3985, 39.5221, 34.1974



8.0462, 8.0317, 8.5542



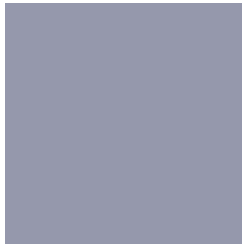
12.7837, 6.5760, 1.2404



0.3686, 0.1881, 0.1029

Previews

White Background



This preview shows how the XYZ color 31.0691, 31.8246, 43.5350 looks on a white background.

Color Contrast Check

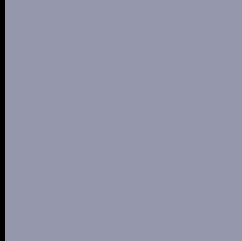
Large Text (above 18pt) WCAG AA × Fail

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 31.0691, 31.8246, 43.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

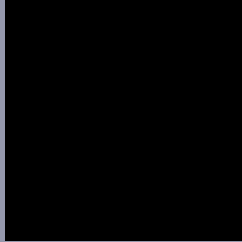
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0691, 31.8246, 43.5350

Background



This preview shows how black text looks on a background with the XYZ color 31.0691, 31.8246, 43.5350.



This preview shows how white text looks on a background with the XYZ color 31.0691, 31.8246,

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

31.0691, 31.8246, 43.5350

Protanopia

31.2523, 31.9191, 43.5435

Deuteranopia

32.3908, 31.7811, 43.9624



Tritanopia

30.3955, 31.7950, 40.1323

Trichromacy



Original Color

31.0691, 31.8246, 43.5350

Protanomaly

31.2523, 31.9191, 43.5435

Deuteranomaly

31.9667, 31.7984, 43.9880

Tritanomaly

30.6719, 31.9055, 41.5876

Monochromacy



Original Color

31.0691, 31.8246, 43.5350

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6853, 31.9959, 37.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0691, 31.8246, 43.5350 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(149, 152, 172)` looks like.

```
.text, #text, p{  
    color:rgb(149, 152, 172)  
}
```

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(149, 152, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 152, 172) }
```

Border

The CSS property to change the border of an element to XYZ 31.0691, 31.8246, 43.5350 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(149, 152, 172) }
```


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

```
.border{ border-color:rgb(149, 152, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 152, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 152, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 152, 172);  
box-shadow:4px 4px 4px 4px rgb(149, 152,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0691, 31.8246, 43.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 152, 172) }
```

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

```
.background{ background-color: rgb(149,  
152, 172) }
```

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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