

Converting Colors

XYZ(31.4875, 31.1681, 46.5031)

Have a look what the booklet for
XYZ(31.4875, 31.1681, 46.5031)
contains.

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Color

**XYZ(31.5458, 31.2886,
46.4961)**

Conversions

Conversions Part 1

Format	Color
Hex	9795B2
RGB	151, 149, 178
RGB Percent	59%, 58%, 70%
CMY	0.4078, 0.4157, 0.3020
CMYK	0.15, 0.16, 0.00, 0.30
HSL	244°, 16%, 64%
HSV	244°, 16%, 70%
XYZ	31.5458, 31.2886, 46.4961
YIQ	152.9040, -8.1170, 9.4430

Conversions

Conversions Part 2

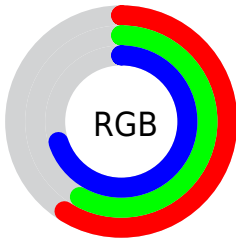
Format	Color
RYB	151, 149, 178
Decimal	9934258
CIELab	62.75, 6.74, -14.83
CIElCh	63, 16.291, 294.439
Yxy	31.2886, 0.2885, 0.2862
Android (android.graphics.Color)	4288124338 (0xFF9795B2)
YUV	152.9040, 12.3723, -1.6698
Hunter-Lab	55.9362, 2.7785, -10.1285

Details

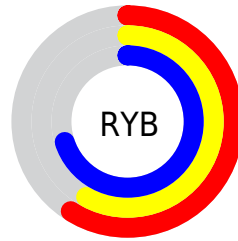
The XYZ color **31.5458, 31.2886, 46.4961** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.2509, 43.2417, 34.7131**, and the grayscale version is **30.1878, 31.7599, 34.5865**.

A 20% lighter version of the original color is **61.3841, 61.6315, 86.5027**, and **13.3249, 12.9254, 21.1946** is the 20% darker color. If you saturate the color by 10%, you get **26.0795, 24.6053, 45.4947**, and if you desaturate by 10%, it is **37.8769, 39.0583, 47.6626**.

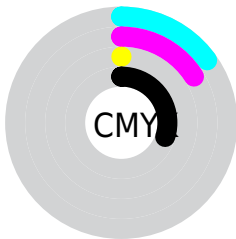
Distribution



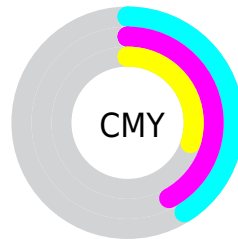
- Red (59%)
- Green (58%)
- Blue (70%)



- Red (59%)
- Yellow (58%)
- Blue (70%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5458, 31.2886, 46.4961 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 31.5458, 31.2886, 46.4961 by changing the saturation by 10% instead.

■ 31.5458, 31.2886,
46.4961

■ 31.5458, 31.2886,
46.4961

300.8272,
307.8657, 389.1349

■ 21.1687, 20.8187,
32.2860

■ 61.4684, 61.6942,
86.3031

■ 13.3605, 12.9915,
21.3134

■ 81.7445, 82.3986,
112.7370

■ 7.7560, 7.4227,
13.1598

106.0511,
107.2834, 144.0826

■ 3.9897, 3.7278,
7.4067

134.7534,
136.7329, 180.7585

■ 1.6963, 1.5225,
3.6354

168.2168,
171.1314, 223.1831

■ 0.4540, 0.3045,
1.4275

206.8067,

■ 0.0000, 0.0000,

210.8635, 271.7750

0.1631

250.8883,
256.3135, 326.9528

■ 0.0000, 0.0000,
0.0000

■ 31.5458, 31.2886,
46.4961

■ 31.5458, 31.2886,
46.4961

■ 26.0795, 24.6053,
45.4947

■ 37.8769, 39.0583,
47.6626

■ 21.4376, 18.9562,
44.6490

■ 45.1050, 47.9556,
48.9990

■ 17.5810, 14.2908,
43.9517

■ 53.2643, 58.0244,
50.5124

■ 14.4661, 10.5528,
43.3944

■ 62.3863, 69.3052,
52.2091

■ 12.0451, 7.6802,
42.9675

■ 72.5008, 81.8364,
54.0947

■ 10.2647, 5.6032,
42.6604

■ 83.3797, 95.1405,
56.0893

■ 9.0636, 4.2415,
42.4609

■ 85.0360, 95.9944,
56.1668

■ 8.3648, 3.4903,
42.3528

■ 8.1913, 3.2945,
42.3241

Harmonies

Analogous

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



29.3259, 31.2886, 47.7888



31.5458, 31.2886, 46.4961



33.3599, 31.2886, 41.7089

Triad

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



31.5458, 31.2886, 46.4961



32.2992, 31.2886, 25.0341



25.6775, 31.2886, 32.8934

Complementary

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



31.5458, 31.2886, 46.4961



39.2509, 43.2417, 34.7131

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.



26.3898, 31.2886, 27.4223



31.5458, 31.2886, 46.4961



30.1557, 31.2886, 23.2623

Square

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



31.5458, 31.2886, 46.4961



33.8099, 31.2886, 29.2422



28.0023, 31.2886, 24.0789



26.0085, 31.2886, 39.3975

Rectangle

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



31.5458, 31.2886, 46.4961



34.0574, 31.2886, 37.4647



28.0023, 31.2886, 24.0789



25.8017, 31.2886, 30.8830

Sweetspot

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



31.5468, 31.2899, 46.4968



70.1774, 72.6616, 86.7075



35.9697, 40.6815, 48.0765



15.3565, 15.8630, 19.1747



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.



31.5468, 31.2899, 46.4968



53.0017, 51.5934, 83.5462



34.3918, 32.7566, 46.6299



8.0944, 8.2572, 10.6735



5.8818, 2.3680, 30.2840



0.2029, 0.0837, 0.9537

Inverse Universe

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



36.9451, 34.0959, 45.7099



64.9004, 57.7794, 81.7528



36.1586, 41.6475, 34.5683



8.8243, 8.6364, 10.5730



18.0539, 8.7391, 26.5076



0.5756, 0.2780, 0.8735

Previews

White Background



This preview shows how the XYZ color 31.5458, 31.2886, 46.4961 looks on a white background.

Color Contrast Check

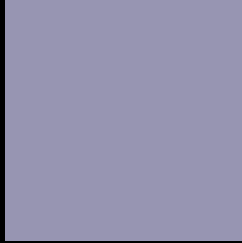
Large Text (above 18pt) WCAG AA × Fail

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 31.5458, 31.2886, 46.4961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

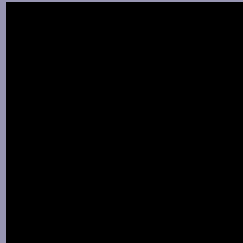
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5458, 31.2886, 46.4961

Background



This preview shows how black text looks on a background with the XYZ color 31.5458, 31.2886, 46.4961.



This preview shows how white text looks on a background with the XYZ color 31.5458, 31.2886,

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

31.5458, 31.2886, 46.4961

Protanopia

30.8971, 31.1784, 47.0374

Deuteranopia

31.9522, 31.2642, 46.4700



Tritanopia

30.0518, 31.3967, 39.1266

Trichromacy



Original Color

31.5458, 31.2886, 46.4961

Protanomaly

31.2558, 31.3633, 47.0542

Deuteranomaly

31.7627, 31.1665, 46.4611

Tritanomaly

30.5289, 31.3499, 41.4879

Monochromacy



Original Color

31.5458, 31.2886, 46.4961

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6987, 31.7405, 38.6910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5458, 31.2886, 46.4961 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(151, 149, 178)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 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(151, 149, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 178) }
```

Border

The CSS property to change the border of an element to XYZ 31.5458, 31.2886, 46.4961 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(151, 149, 178) }
```


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

```
.border{ border-color:rgb(151, 149, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 178);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5458, 31.2886, 46.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 178) }
```

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

```
.background{ background-color: rgb(151,  
149, 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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