

Converting Colors

XYZ(31.8155, 31.4345, 54.6067)

Have a look what the booklet for
XYZ(31.8155, 31.4345, 54.6067)
contains.

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Color

**XYZ(31.8597, 31.5026,
54.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	8F96C1
RGB	143, 150, 193
RGB Percent	56%, 59%, 76%
CMY	0.4392, 0.4118, 0.2431
CMYK	0.26, 0.22, 0.00, 0.24
HSL	232°, 29%, 66%
HSV	232°, 26%, 76%
XYZ	31.8597, 31.5026, 54.8535
YIQ	152.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

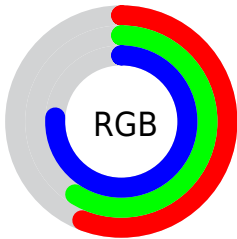
Format	Color
R_{YB}	143, 149, 193
Decimal	9410241
CIE Lab	62.93, 7.11, -23.05
CIE LCh	63, 24.126, 287.146
Yxy	31.5026, 0.2695, 0.2665
Android (android.graphics.Color)	4287600321 (0xFF8F96C1)
YUV	152.8090, 19.8142, -8.6025
Hunter-Lab	56.1272, 3.1001, -18.6555

Details

The XYZ color **31.8597, 31.5026, 54.8535** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.5096, 48.4388, 32.9913**, and the grayscale version is **30.1183, 31.6868, 34.5069**.

A 20% lighter version of the original color is **62.1369, 62.0936, 99.1528**, and **13.4364, 13.0119, 26.2295** is the 20% darker color. If you saturate the color by 10%, you get **26.3381, 24.9995, 53.8898**, and if you desaturate by 10%, it is **38.3333, 39.0548, 55.9706**.

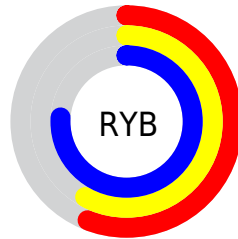
Distribution



Red (56%)

Green (59%)

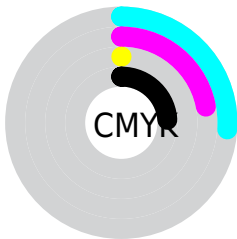
Blue (76%)



Red (56%)

Yellow (58%)

Blue (76%)

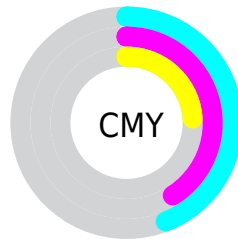


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8597, 31.5026, 54.8535 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 31.8597, 31.5026, 54.8535 by changing the saturation by 10% instead.

■ 31.8597, 31.5026,
54.8535

■ 31.8597, 31.5026,
54.8535

302.2363,
308.8472, 422.6226

■ 21.4094, 20.9819,
38.8866

■ 61.9578, 62.0305,
98.7953

■ 13.5377, 13.1107,
26.3644

■ 82.3362, 82.8065,
127.6073

■ 7.8794, 7.5049,
16.8682

106.7548,
107.7696, 161.5380

■ 4.0690, 3.7798,
9.9796

135.5788,
137.3044, 201.0061

■ 1.7413, 1.5512,
5.2800

169.1735,
171.7951, 246.4301

■ 0.4819, 0.3243,
2.3509

207.9045,

■ 0.0000, 0.0000,

211.6262, 298.2285

0.7595

252.1370,
257.1821, 356.8198

■ 0.0000, 0.0000,
0.0000

■ 31.8597, 31.5026,
54.8535

■ 31.8597, 31.5026,
54.8535

■ 26.3381, 24.9995,
53.8898

■ 38.3333, 39.0548,
55.9706

■ 21.7204, 19.4953,
53.0708

■ 45.7979, 47.6961,
57.2451

■ 17.9587, 14.9410,
52.3900

■ 54.2942, 57.4686,
58.6836

■ 14.9995, 11.2823,
51.8397

■ 63.8594, 68.4116,
60.2916

■ 12.7832, 8.4589,
51.4116

■ 74.5290, 80.5619,
62.0745

■ 11.2416, 6.4031,
51.0960

■ 84.9240, 93.2268,
63.9712

■ 10.2915, 5.0350,
50.8820

■ 86.6257, 96.6303,
64.5385

■ 10.0182, 4.6352,
50.8193

Harmonies

Analogous

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



28.5473, 31.5026, 55.3384



31.8597, 31.5026, 54.8535



34.8590, 31.5026, 48.2652

Triad

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



31.8597, 31.5026, 54.8535



34.4871, 31.5026, 22.5899



24.1514, 31.5026, 30.4003

Complementary

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



31.8597, 31.5026, 54.8535



44.5096, 48.4388, 32.9913

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.



25.5111, 31.5026, 23.3290



31.8597, 31.5026, 54.8535



31.3819, 31.5026, 19.4120

Square

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



31.8597, 31.5026, 54.8535



36.4510, 31.5026, 29.1990



28.1034, 31.5026, 19.6549



24.2585, 31.5026, 39.9651

Rectangle

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



31.8597, 31.5026, 54.8535



36.2042, 31.5026, 41.8856



28.1034, 31.5026, 19.6549



24.4476, 31.5026, 27.6921

Sweetspot

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



31.8607, 31.5039, 54.8542



78.8993, 81.8158, 101.9939



39.2083, 47.5042, 53.2795



16.4790, 17.0349, 21.8048



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.8607, 31.5039, 54.8542



51.3385, 49.6971, 97.2470



34.0463, 31.0214, 54.6459



9.6396, 9.9704, 12.7013



6.6986, 3.1538, 33.8123



0.3270, 0.2114, 1.4735

Inverse Universe

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



37.3207, 33.1854, 33.2939



62.7994, 53.4054, 51.9500



41.8203, 49.2957, 33.2985



10.1294, 10.1004, 10.7718



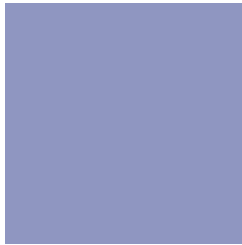
14.7771, 7.6006, 1.4725



0.6574, 0.3360, 0.1635

Previews

White Background



This preview shows how the XYZ color 31.8597, 31.5026, 54.8535 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 31.8597, 31.5026, 54.8535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

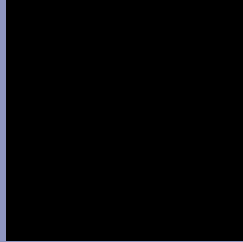
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.8597, 31.5026, 54.8535

Background



This preview shows how black text looks on a background with the XYZ color 31.8597, 31.5026, 54.8535.



This preview shows how white text looks on a background with the XYZ color 31.8597, 31.5026,

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

31.8597, 31.5026, 54.8535

Protanopia

31.5165, 31.3257, 54.8374

Deuteranopia

32.0501, 31.3649, 54.8169



Tritanopia

29.1776, 31.6360, 41.1277

Trichromacy



Original Color

31.8597, 31.5026, 54.8535

Protanomaly

31.6873, 31.4137, 54.8454

Deuteranomaly

31.8747, 31.2744, 54.8087

Tritanomaly

30.0429, 31.4925, 45.5695

Monochromacy



Original Color

31.8597, 31.5026, 54.8535

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6905, 31.6732, 41.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8597, 31.5026, 54.8535 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, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(143, 150, 193)  
}
```

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, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 150, 193) }
```

Border

The CSS property to change the border of an element to XYZ 31.8597, 31.5026, 54.8535 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, 150, 193) }
```


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

```
.border{ border-color:rgb(143, 150, 193) }
```

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

Here you see how a box with a 4 pixel rgb(143, 150, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(143, 150,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8597, 31.5026, 54.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 150, 193) }
```

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

```
.background{ background-color: rgb(143,  
150, 193) }
```

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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