

Converting Colors

XYZ(31.5552, 31.0238, 54.1411)

Have a look what the booklet for
XYZ(31.5552, 31.0238, 54.1411)
contains.

XYZ(31.5896, 31.1403, 54.2149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.5896, 31.1403,
54.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	8F95C0
RGB	143, 149, 192
RGB Percent	56%, 58%, 75%
CMY	0.4392, 0.4157, 0.2471
CMYK	0.26, 0.22, 0.00, 0.25
HSL	233°, 28%, 66%
HSV	233°, 26%, 75%
XYZ	31.5896, 31.1403, 54.2149
YIQ	152.1080, -17.3790, 12.1010

Conversions

Conversions Part 2

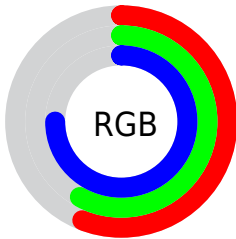
Format	Color
R _Y B	143, 148, 192
Decimal	9409984
CIE Lab	62.63, 7.44, -22.96
CIE LCh	63, 24.132, 287.950
Yxy	31.1403, 0.2701, 0.2663
Android (android.graphics.Color)	4287600064 (0xFF8F95C0)
YUV	152.1080, 19.6668, -7.9877
Hunter-Lab	55.8035, 3.3903, -18.5397

Details

The XYZ color **31.5896, 31.1403, 54.2149** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.2556, 48.3079, 32.9795**, and the grayscale version is **29.8156, 31.3683, 34.1601**.

A 20% lighter version of the original color is **61.4808, 61.4217, 98.2377**, and **13.3688, 12.8457, 25.8196** is the 20% darker color. If you saturate the color by 10%, you get **26.0704, 24.6206, 53.2479**, and if you desaturate by 10%, it is **38.0653, 38.7271, 55.3385**.

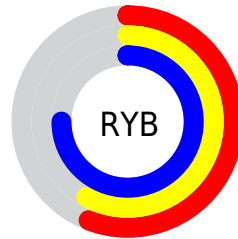
Distribution



Red (56%)

Green (58%)

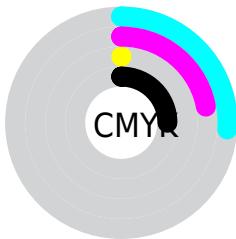
Blue (75%)



Red (56%)

Yellow (58%)

Blue (75%)

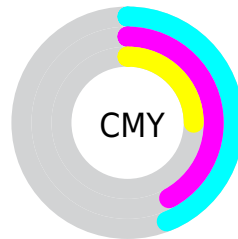


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5896, 31.1403, 54.2149 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 31.5896, 31.1403, 54.2149 by changing the saturation by 10% instead.

■ 31.5896, 31.1403,
54.2149

■ 31.5896, 31.1403,
54.2149

301.0241,
307.1842, 420.1267

■ 21.2022, 20.7057,
38.3792

■ 61.5367, 61.4609,
97.8493

■ 13.3852, 12.9091,
25.9730

■ 81.8272, 82.1157,
126.4850

■ 7.7732, 7.3660,
16.5778

106.1494,
106.9460, 160.2245

■ 4.0007, 3.6920,
9.7752

134.8687,
136.3362, 199.4862

■ 1.7025, 1.5028,
5.1465

168.3505,
170.6707, 244.6888

■ 0.4579, 0.2907,
2.2732

206.9600,

■ 0.0000, 0.0000,

210.3340, 296.2507

0.7162

251.0628,
255.7103, 354.5905

■ 0.0000, 0.0000,
0.0000

■ 31.5896, 31.1403,
54.2149

■ 31.5896, 31.1403,
54.2149

■ 26.0704, 24.6206,
53.2479

■ 38.0653, 38.7271,
55.3385

■ 21.4593, 19.1163,
52.4285

■ 45.5370, 47.4220,
56.6230

■ 17.7080, 14.5771,
51.7500

■ 54.0454, 57.2685,
58.0751

■ 14.7627, 10.9467,
51.2045

■ 63.6282, 68.3068,
59.7007

■ 12.5634, 8.1632,
50.7832

■ 74.3211, 80.5749,
61.5051

■ 11.0413, 6.1565,
50.4761

■ 84.9700, 93.4967,
63.4380

■ 10.1138, 4.8445,
50.2717

■ 86.5145, 96.5858,
63.9528

■ 9.8312, 4.4392,
50.2084

Harmonies

Analogous

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



28.2975, 31.1403, 54.8772



31.5896, 31.1403, 54.2149



34.5456, 31.1403, 47.5382

Triad

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



31.5896, 31.1403, 54.2149



34.0379, 31.1403, 22.1594



23.8351, 31.1403, 30.2650

Complementary

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



31.5896, 31.1403, 54.2149



44.2556, 48.3079, 32.9795

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.



25.1468, 31.1403, 23.1669



31.5896, 31.1403, 54.2149



30.9376, 31.1403, 19.1018

Square

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



31.5896, 31.1403, 54.2149



36.0295, 31.1403, 28.6264



27.6918, 31.1403, 19.4327



23.9812, 31.1403, 39.7989

Rectangle

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



31.5896, 31.1403, 54.2149



35.8535, 31.1403, 41.1688



27.6918, 31.1403, 19.4327



24.1159, 31.1403, 27.5528

Sweetspot

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



31.5906, 31.1415, 54.2156



78.8002, 81.6176, 101.9608



38.9844, 47.0621, 53.1875



16.4543, 16.9853, 21.7966



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.



31.5906, 31.1415, 54.2156



51.0588, 49.1377, 97.1537



34.0290, 31.0253, 54.0647



9.6255, 9.9423, 12.6966



6.6466, 3.0497, 33.7950



0.3207, 0.1988, 1.4713

Inverse Universe

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



36.9864, 33.0223, 32.8596



62.6582, 53.3489, 51.2065



41.2713, 48.6856, 33.2097



10.1223, 10.0975, 10.7344



14.7509, 7.5901, 1.3343



0.6543, 0.3347, 0.1467

Previews

White Background



This preview shows how the XYZ color 31.5896, 31.1403, 54.2149 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 31.5896, 31.1403, 54.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

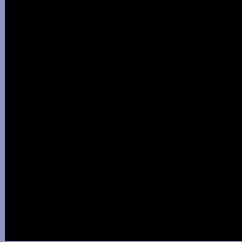
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5896, 31.1403, 54.2149

Background



This preview shows how black text looks on a background with the XYZ color 31.5896, 31.1403, 54.2149.



This preview shows how white text looks on a background with the XYZ color 31.5896, 31.1403,

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

31.5896, 31.1403, 54.2149

Protanopia

31.2360, 31.1939, 54.2439

Deuteranopia

31.7814, 31.0053, 54.1787



Tritanopia

28.9198, 31.2676, 40.5874

Trichromacy



Original Color

31.5896, 31.1403, 54.2149

Protanomaly

31.4053, 31.2812, 54.2518

Deuteranomaly

31.6059, 30.9149, 54.1705

Tritanomaly

29.7813, 31.1271, 44.9959

Monochromacy



Original Color

31.5896, 31.1403, 54.2149

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.4361, 31.3128, 40.9990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5896, 31.1403, 54.2149 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, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(143, 149, 192)  
}
```

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, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 149, 192) }
```

Border

The CSS property to change the border of an element to XYZ 31.5896, 31.1403, 54.2149 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, 149, 192) }
```


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

```
.border{ border-color:rgb(143, 149, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 149, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(143, 149,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5896, 31.1403, 54.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 149, 192) }
```

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

```
.background{ background-color: rgb(143,  
149, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor