

Converting Colors

XYZ(31.4645, 29.6659, 59.6040)

Have a look what the booklet for
XYZ(31.4645, 29.6659, 59.6040)
contains.

XYZ(31.3496, 29.5247, 59.3049)	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(31.3496, 29.5247,
59.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8FC9
RGB	141, 143, 201
RGB Percent	55%, 56%, 79%
CMY	0.4470, 0.4392, 0.2118
CMYK	0.30, 0.29, 0.00, 0.21
HSL	238°, 36%, 67%
HSV	238°, 30%, 79%
XYZ	31.3496, 29.5247, 59.3049
YIQ	149.0140, -19.8100, 17.6140

Conversions

Conversions Part 2

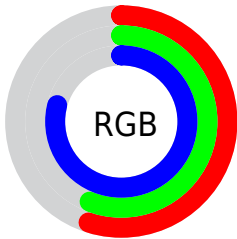
Format	Color
R_{YB}	141, 143, 201
Decimal	9277385
CIE _{Lab}	61.24, 12.52, -30.16
CIE _{LCh}	61, 32.654, 292.552
Yxy	29.5247, 0.2609, 0.2457
Android (android.graphics.Color)	4287467465 (0xFF8D8FC9)
YUV	149.0140, 25.6291, -7.0283
Hunter-Lab	54.3366, 7.8967, -26.6755

Details

The XYZ color **31.3496, 29.5247, 59.3049** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.3192, 55.1880, 33.2534**, and the grayscale version is **28.4754, 29.9583, 32.6246**.

A 20% lighter version of the original color is **60.7812, 58.8883, 102.7708**, and **13.3006, 12.0591, 29.2304** is the 20% darker color. If you saturate the color by 10%, you get **25.5685, 22.5835, 58.2703**, and if you desaturate by 10%, it is **38.2581, 37.7983, 60.5383**.

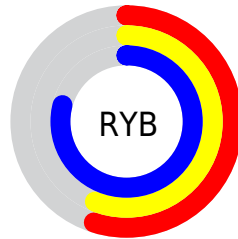
Distribution



Red (55%)

Green (56%)

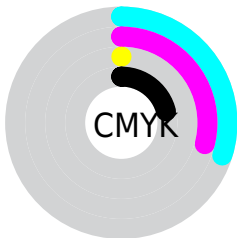
Blue (79%)



Red (55%)

Yellow (56%)

Blue (79%)

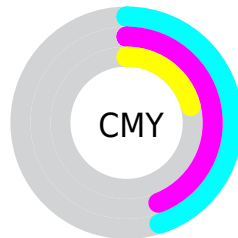


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (21%)



Cyan (45%)

Magenta (44%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3496, 29.5247, 59.3049 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 31.3496, 29.5247, 59.3049 by changing the saturation by 10% instead.

■ 31.3496, 29.5247,
59.3049

■ 31.3496, 29.5247,
59.3049

299.9439,
299.6826, 439.7642

■ 21.0183, 19.4781,
42.4370

■ 61.1622, 58.9097,
105.3542

■ 13.2499, 12.0163,
29.1155

■ 81.3742, 79.0169,
135.3726

■ 7.6791, 6.7547,
18.9219

■ 105.6105,
103.2464, 170.6116

■ 3.9404, 3.3092,
11.4376

134.2365,
131.9826, 211.4897

■ 1.6684, 1.2952,
6.2441

167.6174,
165.6100, 258.4255

■ 0.4364, 0.1375,
2.9229

206.1187,

■ 0.0000, 0.0000,

204.5128, 311.8375

1.0554

250.1058,
249.0756, 372.1442

■ 0.0000, 0.0000,
0.0000

■ 31.3496, 29.5247,
59.3049

■ 31.3496, 29.5247,
59.3049

■ 25.5685, 22.5835,
58.2703

■ 38.2581, 37.7983,
60.5383

■ 20.8522, 16.9018,
57.4222

■ 46.3463, 47.4652,
61.9779

■ 17.1366, 12.4052,
56.7501

■ 55.6667, 58.5867,
63.6333

■ 14.3494, 9.0098,
56.2416

■ 66.2678, 71.2194,
65.5129

■ 12.4087, 6.6208,
55.8828

■ 78.1956, 85.4169,
67.6246

■ 11.2183, 5.1277,
55.6574

■ 87.5427, 96.9971,
69.3672

■ 10.6224, 4.3708,
55.5427

■ 10.6154, 4.3625,
55.5414

Harmonies

Analogous

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



27.0055, 29.5247, 61.7577



31.3496, 29.5247, 59.3049



35.1412, 29.5247, 48.7761

Triad

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



31.3496, 29.5247, 59.3049



33.3883, 29.5247, 16.7912



20.6455, 29.5247, 29.1784

Complementary

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



31.3496, 29.5247, 59.3049



49.3192, 55.1880, 33.2534

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.



22.0043, 29.5247, 19.8060



31.3496, 29.5247, 59.3049



29.1464, 29.5247, 13.9385

Square

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



31.3496, 29.5247, 59.3049



36.3994, 29.5247, 23.9044



25.0133, 29.5247, 14.8805



21.1067, 29.5247, 42.0960

Rectangle

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



31.3496, 29.5247, 59.3049



36.6993, 29.5247, 39.7719



25.0133, 29.5247, 14.8805



20.8994, 29.5247, 25.5654

Sweetspot

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



31.3506, 29.5259, 59.3056



80.4315, 82.5573, 106.3037



42.0650, 51.5139, 61.1528



16.7456, 17.1093, 22.6698



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.3506, 29.5259, 59.3056



46.8788, 42.3948, 100.3200



36.2169, 31.5927, 59.4480



10.0846, 10.3432, 13.3824



6.6879, 2.7696, 34.9265



0.3268, 0.1514, 1.6571

Inverse Universe

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



38.5711, 33.4515, 30.4116



61.2796, 50.2882, 42.6785



43.1507, 52.6957, 33.0974



10.6480, 10.6426, 11.1294



15.1751, 7.8196, 0.8657



0.7236, 0.3723, 0.0679

Previews

White Background



This preview shows how the XYZ color 31.3496, 29.5247, 59.3049 looks on a white background.

Color Contrast Check

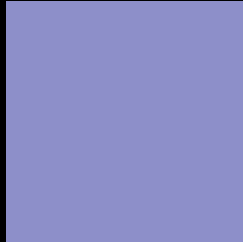
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3496, 29.5247, 59.3049 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 × Fail

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

XYZ 31.3496, 29.5247, 59.3049

Background



This preview shows how black text looks on a background with the XYZ color 31.3496, 29.5247, 59.3049.



This preview shows how white text looks on a background with the XYZ color 31.3496, 29.5247,

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

31.3496, 29.5247, 59.3049

Protanopia

30.4184, 29.6949, 60.6284

Deuteranopia

30.2199, 29.6334, 58.7706



Tritanopia

27.1008, 29.4079, 38.4303

Trichromacy



Original Color

31.3496, 29.5247, 59.3049

Protanomaly

30.7777, 29.6660, 59.9811

Deuteranomaly

30.5424, 29.5718, 58.7418

Tritanomaly

28.4235, 29.2363, 45.2194

Monochromacy



Original Color

31.3496, 29.5247, 59.3049

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3557, 29.8056, 41.2516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3496, 29.5247, 59.3049 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(141, 143, 201)` looks like.

```
.text, #text, p{  
    color:rgb(141, 143, 201)  
}
```

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(141, 143, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 143, 201) }
```

Border

The CSS property to change the border of an element to XYZ 31.3496, 29.5247, 59.3049 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(141, 143, 201) }
```


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

```
.border{ border-color:rgb(141, 143, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 143, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 143, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 143, 201);  
box-shadow:4px 4px 4px 4px rgb(141, 143,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3496, 29.5247, 59.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 143, 201) }
```

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

```
.background{ background-color: rgb(141,  
143, 201) }
```

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