

Converting Colors

XYZ(31.0454, 30.3440, 56.4411)

Have a look what the booklet for
XYZ(31.0454, 30.3440, 56.4411)
contains.

XYZ(31.0450, 30.3419, 56.4449)	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(31.0450, 30.3419,
56.4449)**

Conversions

Conversions Part 1

Format	Color
Hex	8B93C4
RGB	139, 147, 196
RGB Percent	55%, 58%, 77%
CMY	0.4549, 0.4235, 0.2314
CMYK	0.29, 0.25, 0.00, 0.23
HSL	232°, 33%, 66%
HSV	232°, 29%, 77%
XYZ	31.0450, 30.3419, 56.4449
YIQ	150.1940, -20.4970, 13.5430

Conversions

Conversions Part 2

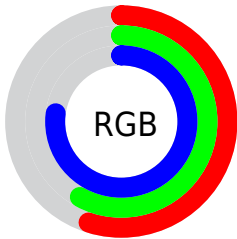
Format	Color
R _Y B	139, 146, 196
Decimal	9147332
CIE Lab	61.95, 8.36, -26.27
CIE LCh	62, 27.568, 287.647
Yxy	30.3419, 0.2635, 0.2575
Android (android.graphics.Color)	4287337412 (0xFF8B93C4)
YUV	150.1940, 22.5824, -9.8171
Hunter-Lab	55.0835, 4.2063, -22.1969

Details

The XYZ color **31.0450, 30.3419, 56.4449** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.4090, 49.5669, 31.6012**, and the grayscale version is **28.9859, 30.4954, 33.2095**.

A 20% lighter version of the original color is **60.8644, 60.3345, 101.3663**, and **13.0877, 12.5286, 27.3197** is the 20% darker color. If you saturate the color by 10%, you get **25.6302, 23.9423, 55.4956**, and if you desaturate by 10%, it is **37.4323, 37.8139, 57.5510**.

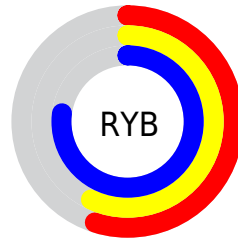
Distribution



Red (55%)

Green (58%)

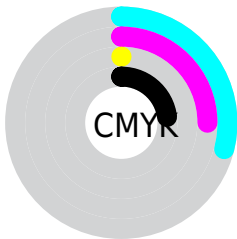
Blue (77%)



Red (55%)

Yellow (57%)

Blue (77%)

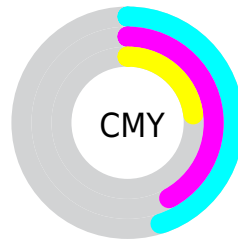


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (45%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0450, 30.3419, 56.4449 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 31.0450, 30.3419, 56.4449 by changing the saturation by 10% instead.

■ 31.0450, 30.3419,
56.4449

■ 31.0450, 30.3419,
56.4449

298.5688,
303.4949, 428.8013

■ 20.7851, 20.0982,
40.1534

■ 60.6863, 60.2025,
101.1470

■ 13.0786, 12.4665,
27.3434

■ 80.7984, 80.5881,
130.3947

■ 7.5601, 7.0622,
17.5966

■ 104.9252,
105.1233, 164.7982

■ 3.8642, 3.5010,
10.4943

133.4323,
134.1923, 204.7760

■ 1.6256, 1.3986,
5.6181

166.6848,
168.1796, 250.7467

■ 0.4090, 0.2157,
2.5493

205.0481,

■ 0.0000, 0.0000,

207.4695, 303.1288

0.8661

248.8877,
252.4465, 362.3408

■ 0.0000, 0.0000,
0.0000

■ 31.0450, 30.3419,
56.4449

■ 31.0450, 30.3419,
56.4449

■ 25.6302, 23.9423,
55.4956

■ 37.4323, 37.8139,
57.5510

■ 21.1368, 18.5620,
54.6939

■ 44.8338, 46.4009,
58.8184

■ 17.5139, 14.1490,
54.0330

■ 53.2922, 56.1474,
60.2538

■ 14.7039, 10.6449,
53.5048

■ 62.8469, 67.0946,
61.8633

■ 12.6426, 7.9852,
53.1001

■ 73.5355, 79.2816,
63.6522

■ 11.2552, 6.0962,
52.8086

■ 84.8013, 92.4403,
65.5984

■ 10.4273, 4.8788,
52.6172

■ 86.9639, 96.7656,
66.3192

■ 10.3676, 4.7930,
52.6038

Harmonies

Analogous

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



27.3468, 30.3419, 57.1422



31.0450, 30.3419, 56.4449



34.4096, 30.3419, 48.7139

Triad

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



31.0450, 30.3419, 56.4449



33.8908, 30.3419, 20.1753



22.4456, 30.3419, 28.8757

Complementary

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



31.0450, 30.3419, 56.4449



45.4090, 49.5669, 31.6012

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.



23.9047, 30.3419, 21.1461



31.0450, 30.3419, 56.4449



30.3846, 30.3419, 16.8911

Square

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



31.0450, 30.3419, 56.4449



36.1466, 30.3419, 27.2494



26.7402, 30.3419, 17.2037



22.5894, 30.3419, 39.5914

Rectangle

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



31.0450, 30.3419, 56.4449



35.9153, 30.3419, 41.3882



26.7402, 30.3419, 17.2037



22.7593, 30.3419, 25.8926

Sweetspot

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



31.0460, 30.3431, 56.4456



81.1310, 83.9562, 106.5369



39.4061, 48.5767, 54.5667



16.9162, 17.4505, 22.7267



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.



31.0460, 30.3431, 56.4456



49.6990, 47.2510, 101.1087



33.4855, 29.8177, 56.2156



9.6398, 9.9710, 12.7013



6.6997, 3.1559, 33.8126



0.3271, 0.2117, 1.4735

Inverse Universe

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



37.2649, 32.3086, 31.8770



62.8945, 51.6671, 48.9232



42.3167, 50.5806, 31.9599



10.1295, 10.1004, 10.7725



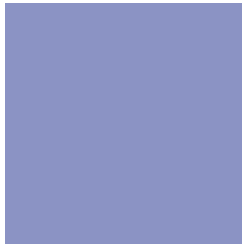
14.7777, 7.6008, 1.4753



0.6575, 0.3360, 0.1638

Previews

White Background



This preview shows how the XYZ color 31.0450, 30.3419, 56.4449 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 31.0450, 30.3419, 56.4449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

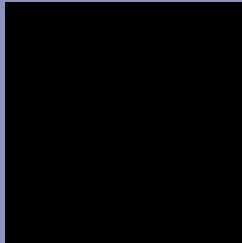
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0450, 30.3419, 56.4449

Background



This preview shows how black text looks on a background with the XYZ color 31.0450, 30.3419, 56.4449.



This preview shows how white text looks on a background with the XYZ color 31.0450, 30.3419,

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

31.0450, 30.3419, 56.4449

Protanopia

30.8213, 30.4453, 57.0754

Deuteranopia

31.0450, 30.3419, 56.4449



Tritanopia

27.8556, 30.4856, 40.0135

Trichromacy



Original Color

31.0450, 30.3419, 56.4449

Protanomaly

30.9845, 30.5294, 57.0830

Deuteranomaly

31.0450, 30.3419, 56.4449

Tritanomaly

28.8948, 30.4187, 45.4228

Monochromacy



Original Color

31.0450, 30.3419, 56.4449

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5766, 30.3959, 40.8674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0450, 30.3419, 56.4449 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(139, 147, 196)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 196)  
}
```

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(139, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 196) }
```

Border

The CSS property to change the border of an element to XYZ 31.0450, 30.3419, 56.4449 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(139, 147, 196) }
```


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

```
.border{ border-color:rgb(139, 147, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 196);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0450, 30.3419, 56.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 196) }
```

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

```
.background{ background-color: rgb(139,  
147, 196) }
```

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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