

Converting Colors

XYZ(30.1710, 31.5707, 44.7949)

Have a look what the booklet for
XYZ(30.1710, 31.5707, 44.7949)
contains.

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Color

**XYZ(30.1865, 31.5892,
44.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	8E99AE
RGB	142, 153, 174
RGB Percent	56%, 60%, 68%
CMY	0.4431, 0.4000, 0.3176
CMYK	0.18, 0.12, 0.00, 0.32
HSL	219°, 16%, 62%
HSV	219°, 18%, 68%
XYZ	30.1865, 31.5892, 44.5507
YIQ	152.1050, -13.2970, 4.1990

Conversions

Conversions Part 2

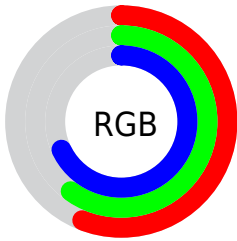
Format	Color
R_{YB}	142, 150, 174
Decimal	9345454
CIE _{Lab}	63.00, 0.61, -12.27
CIE _{LCh}	63, 12.283, 272.851
Yxy	31.5892, 0.2839, 0.2971
Android (android.graphics.Color)	4287535534 (0xFF8E99AE)
YUV	152.1050, 10.7942, -8.8621
Hunter-Lab	56.2043, -2.4877, -7.6536

Details

The XYZ color **30.1865, 31.5892, 44.5507** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4355, 37.1460, 30.8941**, and the grayscale version is **29.8500, 31.4046, 34.1996**.

A 20% lighter version of the original color is **59.2206, 62.0186, 82.9783**, and **12.5786, 13.1320, 20.2841** is the 20% darker color. If you saturate the color by 10%, you get **25.6509, 26.6089, 43.8290**, and if you desaturate by 10%, it is **35.3689, 37.1700, 45.3553**.

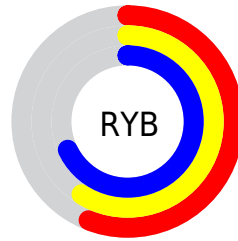
Distribution



Red (56%)

Green (60%)

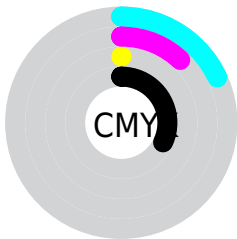
Blue (68%)



Red (56%)

Yellow (59%)

Blue (68%)

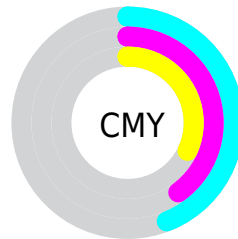


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (32%)



Cyan (44%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1865, 31.5892, 44.5507 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 30.1865, 31.5892, 44.5507 by changing the saturation by 10% instead.

■ 30.1865, 31.5892,
44.5507

■ 30.1865, 31.5892,
44.5507

■ 294.6671,
309.2436, 381.0578

■ 20.1290, 21.0479,
30.7633

■ 59.3416, 62.1665,
83.3571

■ 12.5976, 13.1590,
20.1617

■ 79.1699, 82.9714,
109.2131

■ 7.2271, 7.5381,
12.3274

■ 102.9858,
107.9662, 139.9292

■ 3.6521, 3.8009,
6.8418

■ 131.1546,
137.5354, 175.9237

■ 1.5073, 1.5628,
3.2864

■ 164.0419,
172.0633, 217.6153

■ 0.3308, 0.3323,
1.2427

■ 202.0128,

■ 0.0000, 0.0000,

211.9344, 265.4225

0.0141

245.4327,
257.5330, 319.7638

■ 0.0000, 0.0000,
0.0000

■ 30.1865, 31.5892,
44.5507

■ 30.1865, 31.5892,
44.5507

■ 25.6509, 26.6089,
43.8290

■ 35.3689, 37.1700,
45.3553

■ 21.7327, 22.2042,
43.1853

■ 41.2202, 43.3674,
46.2431

■ 18.4043, 18.3539,
42.6175

■ 47.7649, 50.2018,
47.2173

■ 15.6350, 15.0340,
42.1227

■ 55.0255, 57.6912,
48.2803

■ 13.3907, 12.2184,
41.6975

■ 63.0232, 65.8532,
49.4341

■ 11.6338, 9.8785,
41.3385

■ 71.7787, 74.7044,
50.6811

■ 10.3204, 7.9823,
41.0417

■ 77.9986, 82.5531,
51.8683

■ 9.3794, 6.4826,
40.8018

■ 81.3349, 89.2257,
52.9804

■ 9.2467, 6.2692,
40.7676

■ 84.6401, 95.8360,
54.0821

Harmonies

Analogous

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



28.5663, 31.5892, 43.3571



30.1865, 31.5892, 44.5507



31.8217, 31.5892, 42.8192

Triad

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



30.1865, 31.5892, 44.5507



32.8375, 31.5892, 29.5906



27.2254, 31.5892, 30.3218

Complementary

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



30.1865, 31.5892, 44.5507



35.4355, 37.1460, 30.8941

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.



28.2964, 31.5892, 27.1557



30.1865, 31.5892, 44.5507



31.5316, 31.5892, 26.7622

Square

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



30.1865, 31.5892, 44.5507



33.3878, 31.5892, 33.9345



29.8633, 31.5892, 25.9138



26.8951, 31.5892, 34.8602

Rectangle

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



30.1865, 31.5892, 44.5507



32.6894, 31.5892, 40.3259



29.8633, 31.5892, 25.9138



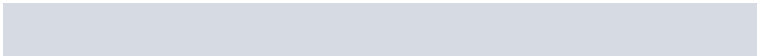
27.5087, 31.5892, 29.0767

Sweetspot

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



30.1875, 31.5905, 44.5514



66.4707, 69.8897, 82.6235



32.8849, 38.6606, 40.2860



14.6295, 15.3802, 18.3419



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.1875, 31.5905, 44.5514



51.3279, 53.5597, 80.2697



29.3104, 28.5872, 44.0180



7.7956, 8.1907, 10.1228



6.7571, 4.6481, 29.5855



0.2398, 0.2329, 0.8403

Inverse Universe

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



32.8791, 30.6453, 34.3206



57.1477, 51.6788, 58.1121



36.4242, 40.6828, 31.5246



8.1147, 8.0591, 8.9146



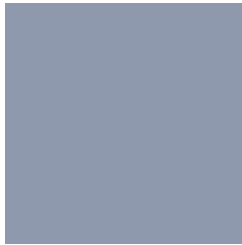
13.2743, 6.7723, 3.8241



0.3954, 0.1989, 0.2441

Previews

White Background



This preview shows how the XYZ color 30.1865, 31.5892, 44.5507 looks on a white background.

Color Contrast Check

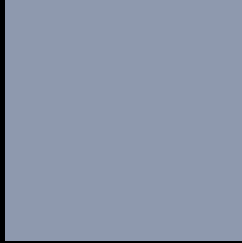
Large Text (above 18pt) WCAG AA × Fail

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 30.1865, 31.5892, 44.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

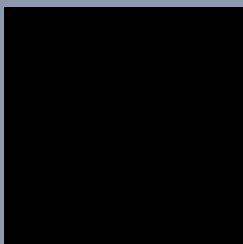
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

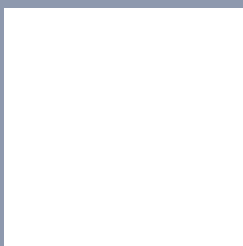
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1865, 31.5892, 44.5507

Background



This preview shows how black text looks on a background with the XYZ color 30.1865, 31.5892, 44.5507.



This preview shows how white text looks on a background with the XYZ color 30.1865, 31.5892,

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

30.1865, 31.5892, 44.5507

Protanopia

31.0039, 31.5399, 43.9889

Deuteranopia

32.0381, 31.3429, 44.9186



Tritanopia

29.5152, 31.5639, 41.0961

Trichromacy



Original Color

30.1865, 31.5892, 44.5507

Protanomaly

30.6251, 31.5846, 44.0175

Deuteranomaly

31.4067, 31.4871, 44.9798

Tritanomaly

29.7958, 31.6762, 42.5739

Monochromacy



Original Color

30.1865, 31.5892, 44.5507

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7861, 31.2904, 37.7275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1865, 31.5892, 44.5507 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(142, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 174)  
}
```

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(142, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.1865, 31.5892, 44.5507 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(142, 153, 174) }
```


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

```
.border{ border-color:rgb(142, 153, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 153, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(142, 153,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1865, 31.5892, 44.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 174) }
```

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

```
.background{ background-color: rgb(142,  
153, 174) }
```

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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