

Converting Colors

XYZ(30.3058, 34.1633, 44.4013)

Have a look what the booklet for
XYZ(30.3058, 34.1633, 44.4013)
contains.

XYZ(30.3129, 34.1981, 44.5384)	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(30.3129, 34.1981,
44.5384)**

Conversions

Conversions Part 1

Format	Color
Hex	85A3AD
RGB	133, 163, 173
RGB Percent	52%, 64%, 68%
CMY	0.4784, 0.3608, 0.3216
CMYK	0.23, 0.06, 0.00, 0.32
HSL	195°, 20%, 60%
HSV	195°, 23%, 68%
XYZ	30.3129, 34.1981, 44.5384
YIQ	155.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

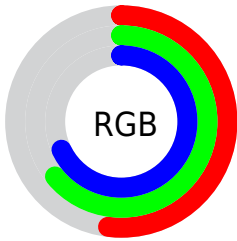
Format	Color
RYB	133, 150, 173
Decimal	8758189
CIELab	65.12, -8.04, -8.60
CIELCh	65, 11.776, 226.933
Yxy	34.1981, 0.2780, 0.3136
Android (android.graphics.Color)	4286948269 (0xFF85A3AD)
YUV	155.1700, 8.7902, -19.4431
Hunter-Lab	58.4791, -9.8123, -4.2206

Details

The XYZ color **30.3129, 34.1981, 44.5384** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.2900, 30.2227, 26.3754**, and the grayscale version is **31.2008, 32.8257, 35.7471**.

A 20% lighter version of the original color is **59.5685, 66.3090, 83.0581**, and **12.6153, 14.5432, 20.2314** is the 20% darker color. If you saturate the color by 10%, you get **27.0489, 31.3959, 44.1701**, and if you desaturate by 10%, it is **34.0551, 37.2875, 44.9380**.

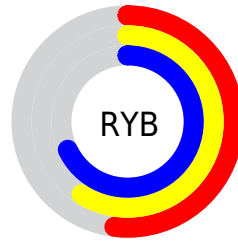
Distribution



Red (52%)

Green (64%)

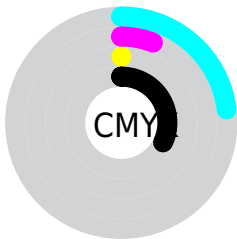
Blue (68%)



Red (52%)

Yellow (59%)

Blue (68%)

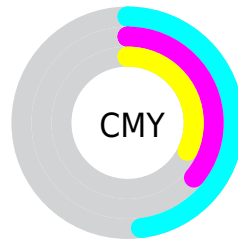


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3129, 34.1981, 44.5384 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 30.3129, 34.1981, 44.5384 by changing the saturation by 10% instead.

■ 30.3129, 34.1981,
44.5384

■ 30.3129, 34.1981,
44.5384

295.2440,
321.0145, 381.0063

■ 20.2255, 23.0458,
30.7537

■ 59.5399, 66.2416,
83.3384

■ 12.6683, 14.6273,
20.1545

■ 79.4102, 87.9016,
109.1908

■ 7.2759, 8.5583,
12.3222

■ 103.2721,
113.8330, 139.9028

■ 3.6831, 4.4542,
6.8383

131.4910,
144.4202, 175.8930

■ 1.5245, 1.9307,
3.2843

164.4323,
180.0475, 217.5799

■ 0.3424, 0.5668,
1.2416

202.4613,

■ 0.0000, 0.0000,

221.0994, 265.3820

0.0132

245.9434,
267.9603, 319.7180

■ 0.0000, 0.0000,
0.0000

■ 30.3129, 34.1981,
44.5384

■ 30.3129, 34.1981,
44.5384

■ 27.0489, 31.3959,
44.1701

■ 34.0551, 37.2875,
44.9380

■ 24.2377, 28.8649,
43.8297

■ 38.2931, 40.6710,
45.3678

■ 21.8563, 26.5936,
43.5169

■ 43.0475, 44.3605,
45.8293

■ 19.8782, 24.5681,
43.2301

■ 48.3367, 48.3657,
46.3236

■ 18.2738, 22.7726,
42.9681

■ 54.1782, 52.6961,
46.8516

■ 17.0094, 21.1894,
42.7292

■ 60.5886, 57.3606,
47.4141

■ 16.0444, 19.7971,
42.5113

■ 67.5838, 62.3678,
48.0119

■ 15.4937, 18.9187,
42.3708

■ 68.8849, 64.4811,
48.3512

■ 69.8848, 66.4809,
48.6845

Harmonies

Analogous

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



29.4627, 34.1981, 40.0430



30.3129, 34.1981, 44.5384



31.7674, 34.1981, 47.1697

Triad

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



30.3129, 34.1981, 44.5384



35.8094, 34.1981, 39.4031



31.5571, 34.1981, 28.9436

Complementary

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



30.3129, 34.1981, 44.5384



31.2900, 30.2227, 26.3754

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.



33.2524, 34.1981, 28.8049



30.3129, 34.1981, 44.5384



35.7483, 34.1981, 34.5632

Square

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



30.3129, 34.1981, 44.5384



34.9630, 34.1981, 44.0347



34.7988, 34.1981, 30.7787



30.1636, 34.1981, 31.1756

Rectangle

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



30.3129, 34.1981, 44.5384



32.9023, 34.1981, 47.3746



34.7988, 34.1981, 30.7787



32.1095, 34.1981, 28.6579

Sweetspot

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



30.3139, 34.1995, 44.5392



65.4340, 70.3495, 80.9358



29.5247, 36.8374, 31.2775



14.1263, 15.2136, 17.5797



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.3139, 34.1995, 44.5392



51.0473, 58.4913, 79.4052



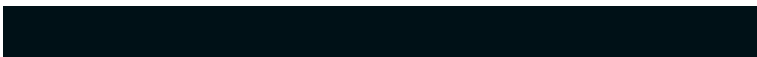
27.1392, 27.8501, 43.4809



8.0643, 8.7279, 10.2123



11.4292, 13.9923, 31.1429



0.3579, 0.4692, 0.8797

Inverse Universe

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



32.2328, 28.3044, 38.4164



55.1799, 46.1884, 66.1310



34.4470, 36.5366, 27.4277



8.2502, 8.1133, 9.6286



15.6326, 7.7156, 16.2425



0.4551, 0.2227, 0.5581

Previews

White Background



This preview shows how the XYZ color 30.3129, 34.1981, 44.5384 looks on a white background.

Color Contrast Check

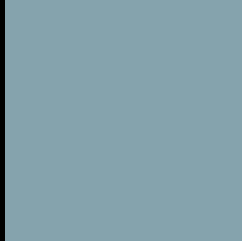
Large Text (above 18pt) WCAG AA × Fail

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 30.3129, 34.1981, 44.5384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

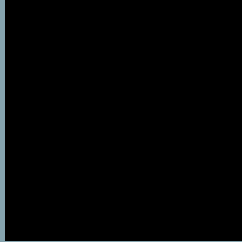
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

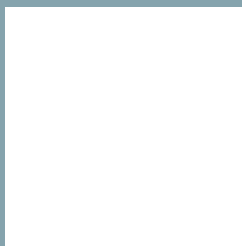
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3129, 34.1981, 44.5384

Background



This preview shows how black text looks on a background with the XYZ color 30.3129, 34.1981, 44.5384.



This preview shows how white text looks on a background with the XYZ color 30.3129, 34.1981,

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

30.3129, 34.1981, 44.5384

Protanopia

33.1230, 34.1466, 42.3813

Deuteranopia

34.6461, 33.8769, 45.2703



Tritanopia

30.7652, 34.3973, 46.0921

Trichromacy



Original Color

30.3129, 34.1981, 44.5384

Protanomaly

31.8666, 33.9945, 42.9122

Deuteranomaly

32.8338, 33.9422, 44.8654

Tritanomaly

30.6666, 34.3579, 45.5729

Monochromacy



Original Color

30.3129, 34.1981, 44.5384

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7811, 33.2654, 38.9809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3129, 34.1981, 44.5384 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(133, 163, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 163, 173)  
}
```

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(133, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 163, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.3129, 34.1981, 44.5384 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(133, 163, 173) }
```


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

```
.border{ border-color:rgb(133, 163, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 163, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 163, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 163, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 163,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3129, 34.1981, 44.5384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 163, 173) }
```

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

```
.background{ background-color: rgb(133,  
163, 173) }
```

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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