

Converting Colors

XYZ(30.6814, 34.7864, 43.7251)

Have a look what the booklet for
XYZ(30.6814, 34.7864, 43.7251)
contains.

XYZ(30.6178, 34.6421, 43.6009)	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(30.6178, 34.6421,
43.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	87A4AB
RGB	135, 164, 171
RGB Percent	53%, 64%, 67%
CMY	0.4706, 0.3568, 0.3294
CMYK	0.21, 0.04, 0.00, 0.33
HSL	192°, 18%, 60%
HSV	192°, 21%, 67%
XYZ	30.6178, 34.6421, 43.6009
YIQ	156.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

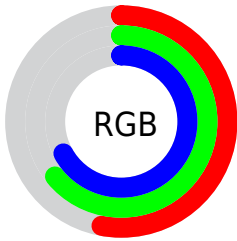
Format	Color
RYB	135, 151, 171
Decimal	8889515
CIELab	65.47, -8.41, -6.95
CIElCh	65, 10.908, 219.587
Yxy	34.6421, 0.2813, 0.3182
Android (android.graphics.Color)	4287079595 (0xFF87A4AB)
YUV	156.1270, 7.3324, -18.5284
Hunter-Lab	58.8575, -10.1447, -2.7210

Details

The XYZ color **30.6178, 34.6421, 43.6009** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8410, 29.7532, 27.0398**, and the grayscale version is **31.6319, 33.2793, 36.2411**.

A 20% lighter version of the original color is **60.0453, 66.9728, 81.7138**, and **12.7801, 14.8051, 19.6368** is the 20% darker color. If you saturate the color by 10%, you get **27.4976, 32.1629, 43.2874**, and if you desaturate by 10%, it is **34.1975, 37.3831, 43.9419**.

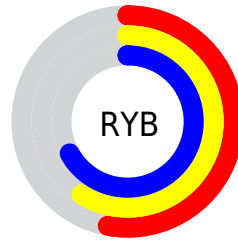
Distribution



Red (53%)

Green (64%)

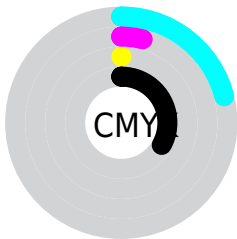
Blue (67%)



Red (53%)

Yellow (59%)

Blue (67%)

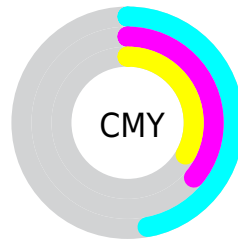


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6178, 34.6421, 43.6009 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 30.6178, 34.6421, 43.6009 by changing the saturation by 10% instead.

■ 30.6178, 34.6421,
43.6009

■ 30.6178, 34.6421,
43.6009

296.6321,
322.9858, 377.0707

■ 20.4584, 23.3873,
30.0220

■ 60.0178, 66.9310,
81.9129

■ 12.8389, 14.8798,
19.6031

■ 79.9890, 88.7338,
107.4831

■ 7.3939, 8.7350,
11.9256

■ 103.9617,
114.8215, 137.8875

■ 3.7582, 4.5688,
6.5711

132.3009,
145.5783, 173.5445

■ 1.5662, 1.9965,
3.1210

165.3723,
181.3888, 214.8729

■ 0.3703, 0.6055,
1.1568

203.5410,

■ 0.0000, 0.0000,

222.6373, 262.2910

0.0000

247.1725,
269.7081, 316.2174

■ 30.6178, 34.6421,
43.6009

■ 30.6178, 34.6421,
43.6009

■ 27.4976, 32.1629,
43.2874

■ 34.1975, 37.3831,
43.9419

■ 24.8126, 29.9300,
42.9979

■ 38.2535, 40.3920,
44.3089

■ 22.5411, 27.9330,
42.7322

■ 42.8052, 43.6798,
44.7036

■ 20.6579, 26.1588,
42.4890

■ 47.8704, 47.2560,
45.1269

■ 19.1352, 24.5928,
42.2670

■ 53.4656, 51.1291,
45.5796

■ 17.9413, 23.2185,
42.0646

■ 59.6068, 55.3077,
46.0624

■ 17.0387, 22.0164,
41.8802

■ 66.3093, 59.7997,
46.5762

■ 16.4051, 21.0490,
41.7268

■ 67.1334, 61.2855,
46.8196

■ 67.8645, 62.7478,
47.0633

Harmonies

Analogous

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



29.9925, 34.6421, 39.2019



30.6178, 34.6421, 43.6009



31.8677, 34.6421, 46.5690

Triad

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



30.6178, 34.6421, 43.6009



35.8865, 34.6421, 40.8680



32.4179, 34.6421, 29.7011

Complementary

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



30.6178, 34.6421, 43.6009



30.8410, 29.7532, 27.0398

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.



34.0081, 34.6421, 30.0685



30.6178, 34.6421, 43.6009



36.0454, 34.6421, 36.2747

Square

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



30.6178, 34.6421, 43.6009



34.9205, 34.6421, 44.9049



35.3480, 34.6421, 32.3921



31.0094, 34.6421, 31.3444

Rectangle

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



30.6178, 34.6421, 43.6009



32.9042, 34.6421, 47.2067



35.3480, 34.6421, 32.3921



32.9484, 34.6421, 29.5968

Sweetspot

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



30.6188, 34.6435, 43.6017



64.7290, 69.5542, 79.0156



29.4077, 36.2183, 30.8755



14.3338, 15.4358, 17.6116



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.



30.6188, 34.6435, 43.6017



52.2834, 60.0377, 77.8347



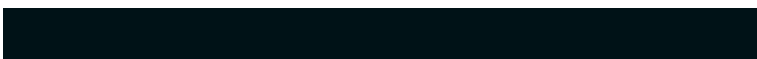
27.6836, 28.7731, 42.6233



8.1021, 8.8035, 10.2249



12.4037, 15.9412, 31.4677



0.3785, 0.5103, 0.8865

Inverse Universe

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



32.1602, 28.6669, 38.9618



55.5516, 47.6261, 67.9383



33.6699, 35.4109, 27.9827



8.2693, 8.1210, 9.7291



16.1245, 7.9123, 18.8326



0.4654, 0.2269, 0.6127

Previews

White Background



This preview shows how the XYZ color 30.6178, 34.6421, 43.6009 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 30.6178, 34.6421, 43.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

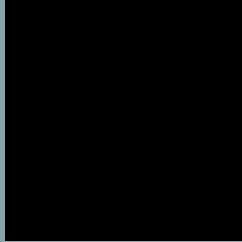
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

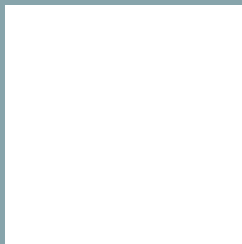
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6178, 34.6421, 43.6009

Background



This preview shows how black text looks on a background with the XYZ color 30.6178, 34.6421, 43.6009.



This preview shows how white text looks on a background with the XYZ color 30.6178, 34.6421,

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

30.6178, 34.6421, 43.6009

Protanopia

33.5000, 34.6147, 41.4749

Deuteranopia

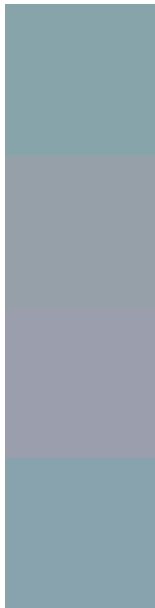
35.0348, 34.3438, 44.3177



Tritanopia

31.0870, 34.5632, 46.1072

Trichromacy



Original Color

30.6178, 34.6421, 43.6009

Protanomaly

32.2164, 34.4528, 41.9979

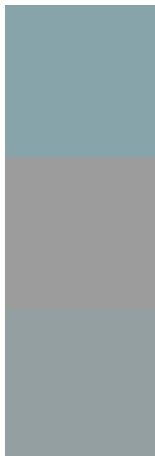
Deuteranomaly

33.1908, 34.4008, 43.9204

Tritanomaly

30.8905, 34.4846, 45.0725

Monochromacy



Original Color

30.6178, 34.6421, 43.6009

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0439, 33.6654, 38.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6178, 34.6421, 43.6009 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(135, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 171)  
}
```

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(135, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.6178, 34.6421, 43.6009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

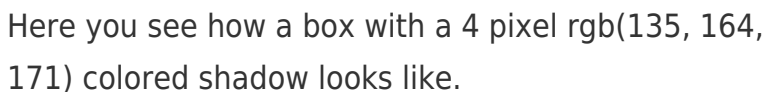
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 164, 171) }
```


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

```
.border{ border-color:rgb(135, 164, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 164, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 164, 171); box-shadow:4px 4px 4px 4px rgb(135, 164, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6178, 34.6421, 43.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 171) }
```

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

```
.background{ background-color: rgb(135,  
164, 171) }
```

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