

Converting Colors

XYZ(30.9764, 34.5579, 44.3109)

Have a look what the booklet for
XYZ(30.9764, 34.5579, 44.3109)
contains.

XYZ(30.8601, 34.4913, 44.0607)	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(30.8601, 34.4913,
44.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	89A3AC
RGB	137, 163, 172
RGB Percent	54%, 64%, 67%
CMY	0.4627, 0.3608, 0.3255
CMYK	0.20, 0.05, 0.00, 0.33
HSL	195°, 17%, 61%
HSV	195°, 20%, 67%
XYZ	30.8601, 34.4913, 44.0607
YIQ	156.2520, -18.3850, -2.7130

Conversions

Conversions Part 2

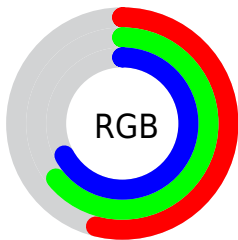
Format	Color
RYB	137, 152, 172
Decimal	9020332
CIELab	65.35, -6.99, -7.67
CIElCh	65, 10.381, 227.645
Yxy	34.4913, 0.2821, 0.3152
Android (android.graphics.Color)	4287210412 (0xFF89A3AC)
YUV	156.2520, 7.7638, -16.8840
Hunter-Lab	58.7293, -8.9810, -3.3709

Details

The XYZ color **30.8601, 34.4913, 44.0607** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8078, 31.1346, 28.0007**, and the grayscale version is **31.6855, 33.3356, 36.3025**.

A 20% lighter version of the original color is **60.4224, 66.7652, 82.3754**, and **12.9124, 14.7034, 19.9268** is the 20% darker color. If you saturate the color by 10%, you get **27.4911, 31.6101, 43.6827**, and if you desaturate by 10%, it is **34.7081, 37.6620, 44.4704**.

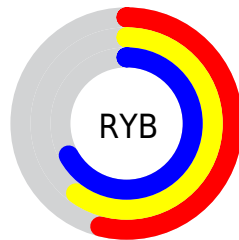
Distribution



Red (54%)

Green (64%)

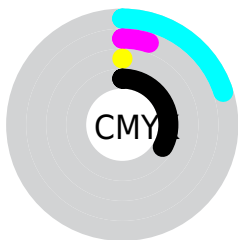
Blue (67%)



Red (54%)

Yellow (60%)

Blue (67%)

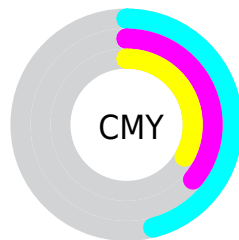


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8601, 34.4913, 44.0607 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 30.8601, 34.4913, 44.0607 by changing the saturation by 10% instead.

■ 30.8601, 34.4913,
44.0607

■ 30.8601, 34.4913,
44.0607

297.7317,
322.3172, 379.0045

■ 20.6436, 23.2713,
30.3807

■ 60.3971, 66.6970,
82.6125

■ 12.9747, 14.7939,
19.8732

■ 80.4483, 88.4514,
108.3214

■ 7.4880, 8.6749,
12.1198

■ 104.5085,
114.4861, 138.8770

■ 3.8182, 4.5297,
6.7018

132.9431,
145.1854, 174.6979

■ 1.5998, 1.9741,
3.2007

166.1173,
180.9338, 216.2025

■ 0.3923, 0.5924,
1.1980

204.3966,

■ 0.0000, 0.0000,

222.1156, 263.8095

0.0000

248.1463,
269.1153, 317.9373

■ 30.8601, 34.4913,
44.0607

■ 30.8601, 34.4913,
44.0607

■ 27.4911, 31.6101,
43.6827

■ 34.7081, 37.6620,
44.4704

■ 24.5764, 29.0026,
43.3330

■ 39.0522, 41.1286,
44.9106

■ 22.0939, 26.6579,
43.0113

■ 43.9123, 44.9028,
45.3830

■ 20.0182, 24.5623,
42.7162

■ 49.3063, 48.9942,
45.8884

■ 18.3211, 22.7010,
42.4464

■ 55.2512, 53.4120,
46.4278

■ 16.9705, 21.0570,
42.2002

■ 61.7632, 58.1649,
47.0019

■ 15.9287, 19.6104,
41.9759

■ 67.9686, 62.8027,
47.5701

■ 15.1374, 18.3603,
41.7763

■ 68.9671, 64.7999,
47.9029

■ 69.9952, 66.8561,
48.2456

Harmonies

Analogous

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



30.0857, 34.4913, 40.1399



30.8601, 34.4913, 44.0607



32.1638, 34.4913, 46.3042

Triad

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



30.8601, 34.4913, 44.0607



35.7103, 34.4913, 39.3679



31.9083, 34.4913, 30.1558

Complementary

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



30.8601, 34.4913, 44.0607



31.8078, 31.1346, 28.0007

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.



33.4099, 34.4913, 29.9841



30.8601, 34.4913, 44.0607



35.6367, 34.4913, 35.0838

Square

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



30.8601, 34.4913, 44.0607



34.9821, 34.4913, 43.4582



34.7841, 34.4913, 31.7237



30.6780, 34.4913, 32.2125

Rectangle

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



30.8601, 34.4913, 44.0607



33.1718, 34.4913, 46.4411



34.7841, 34.4913, 31.7237



32.3971, 34.4913, 29.8818

Sweetspot

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



30.8611, 34.4927, 44.0615



66.1948, 70.9235, 81.0065



30.2386, 36.8916, 32.6200



14.2804, 15.3291, 17.5938



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.



30.8611, 34.4927, 44.0615



53.3881, 60.3779, 79.6460



28.0040, 28.7784, 43.1091



8.0594, 8.7182, 10.2107



11.3104, 13.7546, 31.1033



0.3554, 0.4641, 0.8788

Inverse Universe

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



32.5706, 29.3071, 38.5921



57.0436, 49.5460, 67.8925



34.6708, 36.8607, 28.9551



8.2478, 8.1124, 9.6157



15.5726, 7.6916, 15.9266



0.4538, 0.2222, 0.5513

Previews

White Background



This preview shows how the XYZ color 30.8601, 34.4913, 44.0607 looks on a white background.

Color Contrast Check

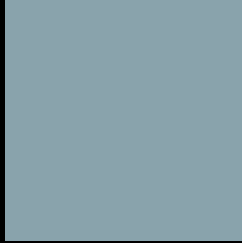
Large Text (above 18pt) WCAG AA × Fail

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 30.8601, 34.4913, 44.0607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

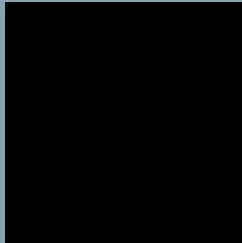
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

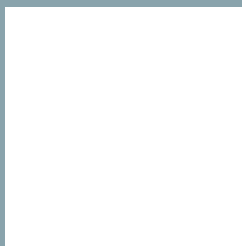
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8601, 34.4913, 44.0607

Background



This preview shows how black text looks on a background with the XYZ color 30.8601, 34.4913, 44.0607.



This preview shows how white text looks on a background with the XYZ color 30.8601, 34.4913,

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

30.8601, 34.4913, 44.0607

Protanopia

33.3190, 34.2476, 42.3905

Deuteranopia

35.1319, 34.3827, 44.8293



Tritanopia

31.1394, 34.3391, 45.5443

Trichromacy



Original Color

30.8601, 34.4913, 44.0607

Protanomaly

32.2315, 34.1826, 42.9293

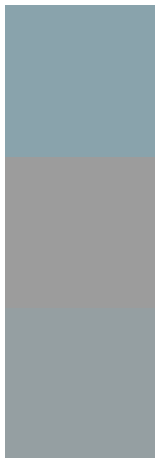
Deuteranomaly

33.3101, 34.1990, 44.3806

Tritanomaly

31.0415, 34.2999, 45.0289

Monochromacy



Original Color

30.8601, 34.4913, 44.0607

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.3142, 33.7945, 39.0550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8601, 34.4913, 44.0607 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(137, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(137, 163, 172)  
}
```

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(137, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 163, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.8601, 34.4913, 44.0607 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(137, 163, 172) }
```


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

```
.border{ border-color:rgb(137, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(137, 163,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8601, 34.4913, 44.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 163, 172) }
```

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

```
.background{ background-color: rgb(137,  
163, 172) }
```

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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