

Converting Colors

XYZ(30.3961, 34.6186, 39.5228)

Have a look what the booklet for
XYZ(30.3961, 34.6186, 39.5228)
contains.

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Color

**XYZ(30.3676, 34.5985,
39.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA4A3
RGB	138, 164, 163
RGB Percent	54%, 64%, 64%
CMY	0.4588, 0.3568, 0.3608
CMYK	0.16, 0.00, 0.01, 0.36
HSL	178°, 13%, 59%
HSV	178°, 16%, 64%
XYZ	30.3676, 34.5985, 39.7280
YIQ	156.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

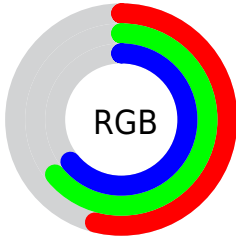
Format	Color
R_{YB}	138, 151, 164
Decimal	9086115
CIE Lab	65.43, -9.20, -2.51
CIE LCh	65, 9.531, 195.264
Yxy	34.5985, 0.2901, 0.3305
Android (android.graphics.Color)	4287276195 (0xFF8AA4A3)
YUV	156.1120, 3.3958, -15.8842
Hunter-Lab	58.8205, -10.7806, 1.1292

Details

The XYZ color **30.3676, 34.5985, 39.7280** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0598, 27.9346, 28.2880**, and the grayscale version is **31.6409, 33.2887, 36.2514**.

A 20% lighter version of the original color is **59.7246, 66.9315, 76.1009**, and **12.6879, 14.8107, 17.2290** is the 20% darker color. If you saturate the color by 10%, you get **27.8003, 33.2824, 39.3137**, and if you desaturate by 10%, it is **33.3470, 36.1288, 40.1646**.

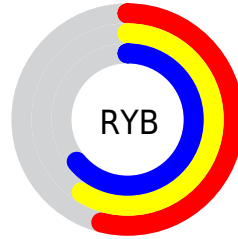
Distribution



Red (54%)

Green (64%)

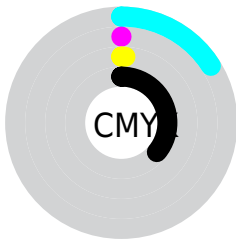
Blue (64%)



Red (54%)

Yellow (59%)

Blue (64%)

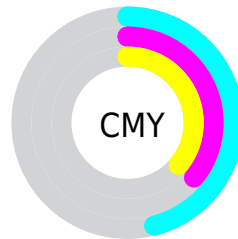


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3676, 34.5985, 39.7280 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 30.3676, 34.5985, 39.7280 by changing the saturation by 10% instead.

■ 30.3676, 34.5985,
39.7280

■ 30.3676, 34.5985,
39.7280

295.4934,
322.7926, 360.4937

■ 20.2672, 23.3538,
27.0144

■ 59.6257, 66.8633,
75.9817

■ 12.6988, 14.8549,
17.3515

■ 79.5141, 88.6522,
100.3588

■ 7.2971, 8.7176,
10.3208

■ 103.3959,
114.7245, 129.4609

■ 3.6965, 4.5575,
5.5038

131.6365,
145.4648, 163.7064

■ 1.5319, 1.9900,
2.4819

164.6011,
181.2573, 203.5139

■ 0.3474, 0.6017,
0.8306

202.6553,

■ 0.0000, 0.0000,

222.4865, 249.3019

0.0000

246.1642,
269.5368, 301.4890

■ 30.3676, 34.5985,
39.7280

■ 30.3676, 34.5985,
39.7280

■ 27.8003, 33.2824,
39.3137

■ 33.3470, 36.1288,
40.1646

■ 25.6237, 32.1669,
38.9184

■ 36.7525, 37.8778,
40.6218

■ 23.8191, 31.2430,
38.5419

■ 40.6015, 39.8554,
41.1013

■ 22.3652, 30.4999,
38.1834

■ 44.9091, 42.0694,
41.6037

■ 21.2382, 29.9254,
37.8417

■ 49.6901, 44.5274,
42.1298

■ 20.4118, 29.5057,
37.5154

■ 54.9584, 47.2366,
42.6801

■ 19.8553, 29.2252,
37.2033

■ 60.7273, 50.2038,
43.2554

■ 19.5280, 29.0627,
36.9033

■ 61.5893, 50.6414,
43.6026

■ 19.4203, 29.0098,
36.7807

■ 61.6484, 50.6650,
43.9136

Harmonies

Analogous

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



30.3615, 34.5985, 35.7539



30.3676, 34.5985, 39.7280



31.0352, 34.5985, 43.3888

Triad

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



30.3676, 34.5985, 39.7280



34.8247, 34.5985, 43.3339



33.5710, 34.5985, 30.7287

Complementary

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



30.3676, 34.5985, 39.7280



29.0598, 27.9346, 28.2880

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.



34.8066, 34.5985, 32.4806



30.3676, 34.5985, 39.7280



35.5442, 34.5985, 39.6573

Square

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



30.3676, 34.5985, 39.7280



33.5951, 34.5985, 45.5685



35.5375, 34.5985, 35.6880



32.1846, 34.5985, 30.7446

Rectangle

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



30.3676, 34.5985, 39.7280



31.7766, 34.5985, 45.0784



35.5375, 34.5985, 35.6880



34.0185, 34.5985, 31.1246

Sweetspot

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



30.3686, 34.5999, 39.7288



60.9699, 65.8040, 72.9640



28.5616, 33.9021, 29.0840



13.2446, 14.3426, 15.9396



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.3686, 34.5999, 39.7288



53.4055, 61.9214, 71.8431



28.4602, 30.6388, 39.5374



7.2643, 8.0065, 9.0034



14.8941, 22.2440, 28.2223



0.3163, 0.4687, 0.6108

Inverse Universe

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



29.0598, 27.9346, 28.2880



50.5748, 47.5042, 47.0974



30.7571, 31.4458, 28.4941



7.0843, 7.0902, 7.4304



11.7695, 6.0639, 0.7110



0.2504, 0.1287, 0.0314

Previews

White Background



This preview shows how the XYZ color 30.3676, 34.5985, 39.7280 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 30.3676, 34.5985, 39.7280 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

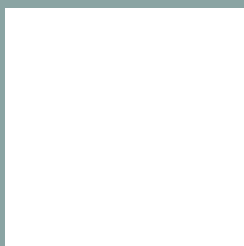
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3676, 34.5985, 39.7280

Background



This preview shows how black text looks on a background with the XYZ color 30.3676, 34.5985, 39.7280.



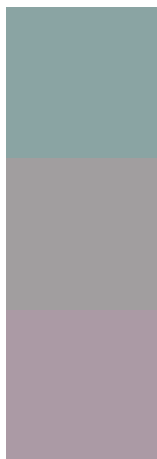
This preview shows how white text looks on a background with the XYZ color 30.3676, 34.5985,

39.7280.

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

30.3676, 34.5985, 39.7280

Protanopia

33.1828, 34.5340, 37.7177

Deuteranopia

35.1417, 34.4857, 40.4016



Tritanopia

31.4734, 34.5113, 45.5600

Trichromacy



Original Color

30.3676, 34.5985, 39.7280

Protanomaly

32.0528, 34.4520, 38.2182

Deuteranomaly

33.2258, 34.5050, 40.0309

Tritanomaly

31.0953, 34.6236, 43.5722

Monochromacy



Original Color

30.3676, 34.5985, 39.7280

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0506, 33.6890, 37.6670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3676, 34.5985, 39.7280 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(138, 164, 163) looks like.

```
.text, #text, p{  
    color:rgb(138, 164, 163)  
}
```

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(138, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 164, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.3676, 34.5985, 39.7280 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(138, 164, 163) }
```


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

```
.border{ border-color:rgb(138, 164, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 164, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(138, 164,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3676, 34.5985, 39.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 164, 163) }
```

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

```
.background{ background-color: rgb(138,  
164, 163) }
```

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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