

Converting Colors

XYZ(30.9556, 35.1991, 38.4203)

Have a look what the booklet for
XYZ(30.9556, 35.1991, 38.4203)
contains.

XYZ(30.9556, 35.1991, 38.4203)	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(30.9556, 35.1991,
38.4203)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA5A0
RGB	142, 165, 160
RGB Percent	56%, 65%, 63%
CMY	0.4431, 0.3529, 0.3725
CMYK	0.14, 0.00, 0.03, 0.35
HSL	167°, 11%, 60%
HSV	167°, 14%, 65%
XYZ	30.9556, 35.1991, 38.4203
YIQ	157.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

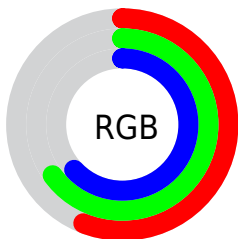
Format	Color
RYB	142, 155, 165
Decimal	9348512
CIELab	65.90, -9.02, -0.12
CIELCh	66, 9.023, 180.736
Yxy	35.1991, 0.2960, 0.3366
Android (android.graphics.Color)	4287538592 (0xFF8EA5A0)
YUV	157.5530, 1.2064, -13.6400
Hunter-Lab	59.3288, -10.6907, 3.1350

Details

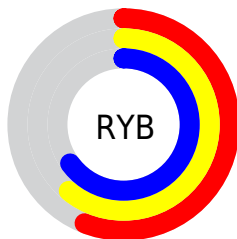
The XYZ color **30.9556, 35.1991, 38.4203** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4577, 29.4528, 31.6849**, and the grayscale version is **32.2965, 33.9784, 37.0025**.

A 20% lighter version of the original color is **60.6239, 67.8285, 74.1870**, and **12.9798, 15.1385, 16.7059** is the 20% darker color. If you saturate the color by 10%, you get **28.0223, 33.7237, 36.6685**, and if you desaturate by 10%, it is **34.3190, 36.8972, 40.2410**.

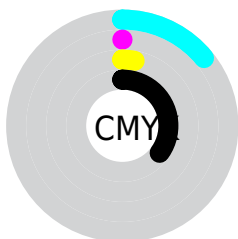
Distribution



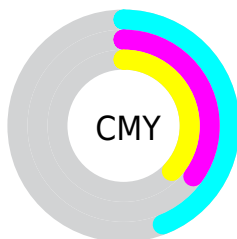
- Red (56%)
- Green (65%)
- Blue (63%)



- Red (56%)
- Yellow (61%)
- Blue (65%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)



- Cyan (44%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9556, 35.1991, 38.4203 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 30.9556, 35.1991, 38.4203 by changing the saturation by 10% instead.

■ 30.9556, 35.1991,
38.4203

■ 30.9556, 35.1991,
38.4203

298.1643,
325.4463, 354.7716

■ 20.7167, 23.8163,
26.0047

■ 60.5465, 67.7941,
73.9624

■ 13.0284, 15.1974,
16.6014

■ 80.6292, 89.7751,
97.9261

■ 7.5252, 8.9580,
9.7917

■ 104.7238,
116.0575, 126.5761

■ 3.8419, 4.7138,
5.1573

133.1958,
147.0259, 160.3311

■ 1.6131, 2.0803,
2.2795

166.4105,
183.0646, 199.6097

■ 0.4009, 0.6535,
0.7197

204.7332,

■ 0.0000, 0.0000,

224.5579, 244.8302

0.0000

248.5294,
271.8904, 296.4114

■ 30.9556, 35.1991,
38.4203

■ 30.9556, 35.1991,
38.4203

■ 28.0223, 33.7237,
36.6685

■ 34.3190, 36.8972,
40.2410

■ 25.4978, 32.4569,
34.9820

■ 38.1269, 38.8224,
42.1295

■ 23.3632, 31.3902,
33.3603

■ 42.3966, 40.9845,
44.0877

■ 21.5972, 30.5124,
31.8019

■ 47.1436, 43.3917,
46.1166

■ 20.1761, 29.8115,
30.3054

■ 52.3826, 46.0514,
48.2175

■ 19.0736, 29.2738,
28.8691

■ 58.1277, 48.9710,
50.3912

■ 18.2596, 28.8838,
27.4912

■ 63.4654, 51.6794,
52.5954

■ 17.6977, 28.6228,
26.1695

■ 63.8494, 51.8330,
54.6177

■ 17.4262, 28.4997,
25.3933

■ 64.2431, 51.9905,
56.6908

Harmonies

Analogous

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



31.2673, 35.1991, 34.8455



30.9556, 35.1991, 38.4203



31.2988, 35.1991, 42.2046

Triad

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



30.9556, 35.1991, 38.4203



34.7840, 35.1991, 44.9938



34.7254, 35.1991, 32.2673

Complementary

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



30.9556, 35.1991, 38.4203



30.4577, 29.4528, 31.6849

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.



35.7094, 35.1991, 34.6923



30.9556, 35.1991, 38.4203



35.7439, 35.1991, 42.0305

Square

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



30.9556, 35.1991, 38.4203



33.4887, 35.1991, 46.1514



36.0869, 35.1991, 38.2315



33.4227, 35.1991, 31.4390

Rectangle

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



30.9556, 35.1991, 38.4203



31.8583, 35.1991, 44.3001



36.0869, 35.1991, 38.2315



35.1057, 35.1991, 32.9144

Sweetspot

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



30.9566, 35.2006, 38.4211



61.3750, 66.0341, 72.0213



30.4372, 35.1018, 30.7628



13.3169, 14.3854, 15.6929



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.



30.9566, 35.2006, 38.4211



53.5830, 62.1040, 67.7348



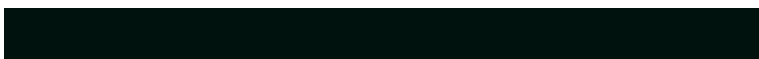
30.3231, 33.2191, 40.4128



7.2099, 7.9848, 8.7169



13.2015, 21.5669, 19.3093



0.2929, 0.4594, 0.4876

Inverse Universe

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



30.4577, 29.4528, 31.6849



52.4994, 49.6146, 53.0997



31.0115, 31.1750, 29.9746



7.1339, 7.1100, 7.6916



11.9943, 6.1538, 1.8945



0.2679, 0.1357, 0.1235

Previews

White Background



This preview shows how the XYZ color 30.9556, 35.1991, 38.4203 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 30.9556, 35.1991, 38.4203 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

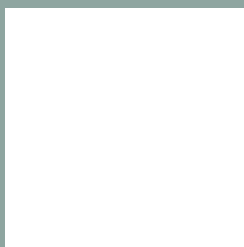
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9556, 35.1991, 38.4203

Background



This preview shows how black text looks on a background with the XYZ color 30.9556, 35.1991, 38.4203.

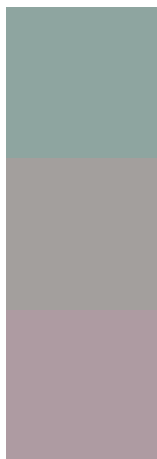


This preview shows how white text looks on a background with the XYZ color 30.9556, 35.1991,

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

30.9556, 35.1991, 38.4203

Protanopia

33.5882, 35.0171, 36.8870

Deuteranopia

35.6985, 35.0500, 39.0662



Tritanopia

32.6107, 35.3487, 46.1785

Trichromacy



Original Color

30.9556, 35.1991, 38.4203

Protanomaly

32.4340, 34.9269, 37.3799

Deuteranomaly

33.7315, 35.0509, 38.7059

Tritanomaly

32.0328, 35.3825, 43.1714

Monochromacy



Original Color

30.9556, 35.1991, 38.4203

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.9518, 34.6683, 37.8085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9556, 35.1991, 38.4203 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, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(142, 165, 160)  
}
```

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, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 165, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.9556, 35.1991, 38.4203 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, 165, 160) }
```


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

```
.border{ border-color:rgb(142, 165, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 165, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(142, 165,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9556, 35.1991, 38.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 165, 160) }
```

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

```
.background{ background-color: rgb(142,  
165, 160) }
```

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