

Converting Colors

XYZ(33.3231, 38.2340, 56.8042)

Have a look what the booklet for
XYZ(33.3231, 38.2340, 56.8042)
contains.

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Color

**XYZ(33.2854, 38.2178,
56.6614)**

Conversions

Conversions Part 1

Format	Color
Hex	7EADC2
RGB	126, 173, 194
RGB Percent	49%, 68%, 76%
CMY	0.5059, 0.3216, 0.2392
CMYK	0.35, 0.11, 0.00, 0.24
HSL	199°, 36%, 63%
HSV	199°, 35%, 76%
XYZ	33.2854, 38.2178, 56.6614
YIQ	161.3410, -34.7530, -3.4330

Conversions

Conversions Part 2

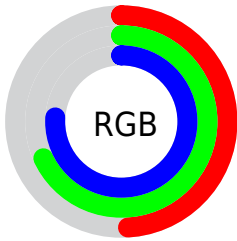
Format	Color
R_{YB}	126, 154, 194
Decimal	8302018
CIE _{Lab}	68.18, -10.42, -15.73
CIE _{LCh}	68, 18.866, 236.486
Yxy	38.2178, 0.2597, 0.2982
Android (android.graphics.Color)	4286492098 (0xFF7EADC2)
YUV	161.3410, 16.1009, -30.9941
Hunter-Lab	61.8205, -12.0780, -11.0677

Details

The XYZ color **33.2854, 38.2178, 56.6614** is a light color, and the websafe version is hex **669999**. A complement of this color would be **36.4485, 33.8438, 24.3513**, and the grayscale version is **33.9748, 35.7442, 38.9254**.

A 20% lighter version of the original color is **64.2120, 72.2756, 101.8330**, and **14.3950, 17.0240, 27.3382** is the 20% darker color. If you saturate the color by 10%, you get **29.5745, 34.6383, 56.1667**, and if you desaturate by 10%, it is **37.6049, 42.1893, 57.2010**.

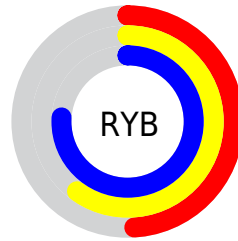
Distribution



Red (49%)

Green (68%)

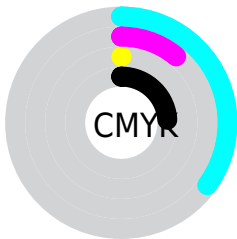
Blue (76%)



Red (49%)

Yellow (60%)

Blue (76%)

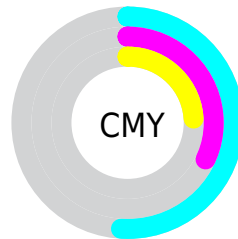


Cyan (35%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2854, 38.2178, 56.6614 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 33.2854, 38.2178, 56.6614 by changing the saturation by 10% instead.

■ 33.2854, 38.2178,
56.6614

■ 33.2854, 38.2178,
56.6614

308.5761,
338.5534, 429.6375

■ 22.5055, 26.1518,
40.3259

■ 64.1726, 72.4418,
101.4664

■ 14.3474, 16.9372,
27.4770

■ 85.0105, 95.3687,
130.7729

■ 8.4460, 10.1897,
17.6962

■ 109.9318,
122.6845, 165.2403

■ 4.4358, 5.5249,
10.5649

139.3018,
154.7738, 205.2869

■ 1.9515, 2.5584,
5.6646

173.4858,
192.0210, 251.3314

■ 0.6065, 0.9058,
2.5768

212.8493,

■ 0.0000, 0.0000,

234.8103, 303.7923

0.8804

257.7577,
283.5263, 363.0882

■ 0.0000, 0.0000,
0.0000

■ 33.2854, 38.2178,
56.6614

■ 33.2854, 38.2178,
56.6614

■ 29.5745, 34.6383,
56.1667

■ 37.6049, 42.1893,
57.2010

■ 26.4358, 31.4283,
55.7126

■ 42.5597, 46.5649,
57.7844

■ 23.8343, 28.5698,
55.2979

■ 48.1792, 51.3616,
58.4141

■ 21.7295, 26.0408,
54.9207

■ 54.4898, 56.5938,
59.0914

■ 20.0743, 23.8159,
54.5785

■ 61.5162, 62.2754,
59.8177

■ 18.8118, 21.8649,
54.2685

■ 69.2823, 68.4194,
60.5943

■ 18.2756, 20.9709,
54.1242

■ 75.2627, 73.7249,
61.3032

■ 76.8157, 76.8310,
61.8209

■ 78.4251, 80.0499,
62.3573

Harmonies

Analogous

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



31.4859, 38.2178, 49.2774



33.2854, 38.2178, 56.6614



35.9787, 38.2178, 60.0016

Triad

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



33.2854, 38.2178, 56.6614



42.2788, 38.2178, 42.6151



33.8560, 38.2178, 28.7130

Complementary

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



33.2854, 38.2178, 56.6614



36.4485, 33.8438, 24.3513

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.



36.6732, 38.2178, 27.4265



33.2854, 38.2178, 56.6614



41.6359, 38.2178, 34.7870

Square

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



33.2854, 38.2178, 56.6614



41.2567, 38.2178, 51.2307



39.5440, 38.2178, 29.4965



31.8026, 38.2178, 33.2808

Rectangle

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



33.2854, 38.2178, 56.6614



37.9567, 38.2178, 59.1927



39.5440, 38.2178, 29.4965



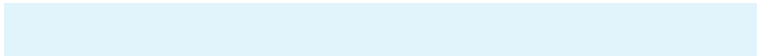
34.7405, 38.2178, 27.9115

Sweetspot

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



33.2866, 38.2193, 56.6623



80.9069, 87.6390, 105.1216



33.1164, 45.1078, 34.3199



17.4160, 18.9330, 22.9865



0.0000, 0.0000, 0.0000



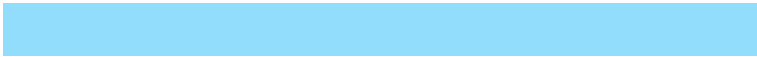
20.3446, 21.4041, 23.3091

Same Dimension

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



33.2866, 38.2193, 56.6623



55.0877, 64.2396, 101.9658



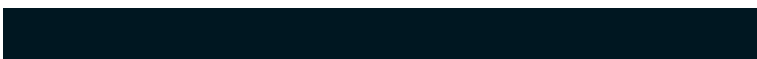
27.6626, 26.9713, 54.7876



10.0976, 10.8866, 12.8539



12.0911, 13.9386, 35.6098



0.5813, 0.7200, 1.5582

Inverse Universe

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



37.2528, 29.4093, 43.2499



63.5315, 46.6192, 73.1573



42.4170, 45.7808, 26.3408



10.3606, 10.1928, 11.9893



17.4990, 8.6893, 15.8055



0.7858, 0.3873, 0.8394

Previews

White Background



This preview shows how the XYZ color 33.2854, 38.2178, 56.6614 looks on a white background.

Color Contrast Check

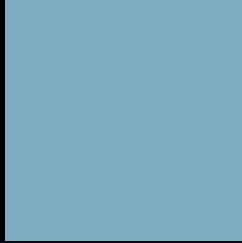
Large Text (above 18pt) WCAG AA × Fail

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 33.2854, 38.2178, 56.6614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

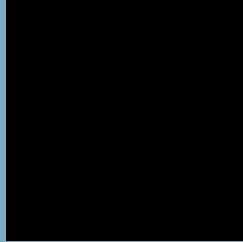
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2854, 38.2178, 56.6614

Background



This preview shows how black text looks on a background with the XYZ color 33.2854, 38.2178, 56.6614.



This preview shows how white text looks on a background with the XYZ color 33.2854, 38.2178,

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

33.2854, 38.2178, 56.6614

Protanopia

37.2529, 37.8631, 52.9218

Deuteranopia

38.8205, 38.0417, 57.5213



Tritanopia

32.6706, 38.2629, 53.2405

Trichromacy



Original Color

33.2854, 38.2178, 56.6614

Protanomaly

35.5074, 37.7447, 54.1292

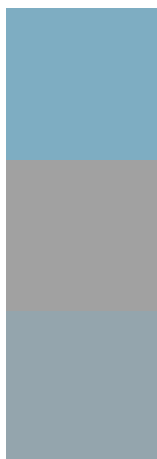
Deuteranomaly

36.4354, 37.8880, 57.0225

Tritanomaly

32.8878, 38.3498, 54.3841

Monochromacy



Original Color

33.2854, 38.2178, 56.6614

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2107, 36.2233, 44.7766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2854, 38.2178, 56.6614 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(126, 173, 194)` looks like.

```
.text, #text, p{  
    color:rgb(126, 173, 194)  
}
```

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(126, 173, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 173, 194) }
```

Border

The CSS property to change the border of an element to XYZ 33.2854, 38.2178, 56.6614 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(126, 173, 194) }
```


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

```
.border{ border-color:rgb(126, 173, 194) }
```

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

Here you see how a box with a 4 pixel rgb(126, 173, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 173, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 173, 194);  
box-shadow:4px 4px 4px 4px rgb(126, 173,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2854, 38.2178, 56.6614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 173, 194) }
```

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

```
.background{ background-color: rgb(126,  
173, 194) }
```

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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