

Converting Colors

XYZ(33.8161, 38.9543, 45.9108)

Have a look what the booklet for
XYZ(33.8161, 38.9543, 45.9108)
contains.

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Color

**XYZ(33.7605, 38.9908,
45.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAEAE
RGB	141, 174, 174
RGB Percent	55%, 68%, 68%
CMY	0.4471, 0.3176, 0.3176
CMYK	0.19, 0.00, 0.00, 0.32
HSL	180°, 17%, 62%
HSV	180°, 19%, 68%
XYZ	33.7605, 38.9908, 45.7910
YIQ	164.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

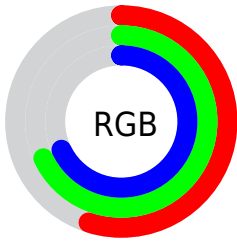
Format	Color
R _{YB}	141, 158, 174
Decimal	9285294
CIE Lab	68.74, -11.18, -3.73
CIE LCh	69, 11.784, 198.462
Yxy	38.9908, 0.2848, 0.3289
Android (android.graphics.Color)	4287475374 (0xFF8DAEAE)
YUV	164.1330, 4.8644, -20.2876
Hunter-Lab	62.4426, -12.7660, 0.2307

Details

The XYZ color **33.7605, 38.9908, 45.7910** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.7895, 29.9725, 29.3107**, and the grayscale version is **35.3350, 37.1752, 40.4838**.

A 20% lighter version of the original color is **64.9453, 73.8529, 84.9608**, and **14.6888, 17.4979, 21.0156** is the 20% darker color. If you saturate the color by 10%, you get **31.0314, 37.5849, 45.6635**, and if you desaturate by 10%, it is **36.9567, 40.6395, 45.9421**.

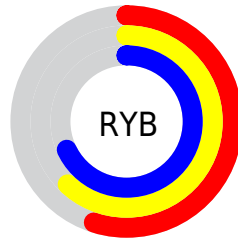
Distribution



Red (55%)

Green (68%)

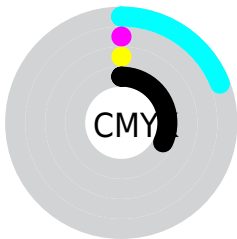
Blue (68%)



Red (55%)

Yellow (62%)

Blue (68%)

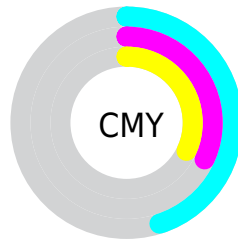


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7605, 38.9908, 45.7910 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 33.7605, 38.9908, 45.7910 by changing the saturation by 10% instead.

■ 33.7605, 38.9908,
45.7910

■ 33.7605, 38.9908,
45.7910

310.6675,
341.8514, 386.2209

■ 22.8717, 26.7526,
31.7335

■ 64.9078, 73.6243,
85.2371

■ 14.6190, 17.3875,
20.8949

■ 85.8970, 96.7883,
111.4628

■ 8.6370, 10.5111,
12.8567

■ 110.9838,
124.3630, 142.5815

■ 4.5604, 5.7392,
7.2004

140.5334,
156.7329, 179.0119

■ 2.0238, 2.6871,
3.5074

174.9112,
194.2823, 221.1725

■ 0.6473, 0.9707,
1.3592

214.4826,

■ 0.0000, 0.0000,

237.3955, 269.4819

0.1096

259.6129,
286.4571, 324.3585

■ 0.0000, 0.0000,
0.0000

■ 33.7605, 38.9908,
45.7910

■ 33.7605, 38.9908,
45.7910

■ 31.0314, 37.5849,
45.6635

■ 36.9567, 40.6395,
45.9421

■ 28.7444, 36.4059,
45.5558

■ 40.6369, 42.5367,
46.1149

■ 26.8772, 35.4434,
45.4678

■ 44.8213, 44.6938,
46.3114

■ 25.4043, 34.6841,
45.3982

■ 49.5277, 47.1201,
46.5323

■ 24.2975, 34.1136,
45.3457

■ 54.7735, 49.8243,
46.7784

■ 23.5248, 33.7152,
45.3089

■ 60.5748, 52.8150,
47.0506

■ 23.0484, 33.4697,
45.2860

■ 64.0177, 54.5899,
47.2123

■ 22.7984, 33.3408,
45.2737

■ 64.0178, 54.5899,
47.2130

■ 22.7759, 33.3291,
45.2725

■ 64.0180, 54.5900,
47.2137

Harmonies

Analogous

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



33.6553, 38.9908, 40.4327



33.7605, 38.9908, 45.7910



34.7317, 38.9908, 50.6166

Triad

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



33.7605, 38.9908, 45.7910



39.8096, 38.9908, 49.6368



37.7817, 38.9908, 33.1642

Complementary

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



33.7605, 38.9908, 45.7910



31.7895, 29.9725, 29.3107

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.



39.4893, 38.9908, 35.2204



33.7605, 38.9908, 45.7910



40.6861, 38.9908, 44.5423

Square

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



33.7605, 38.9908, 45.7910



38.2070, 38.9908, 52.9622



40.5669, 38.9908, 39.2839



35.9353, 38.9908, 33.4373

Rectangle

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



33.7605, 38.9908, 45.7910



35.7583, 38.9908, 52.7439



40.5669, 38.9908, 39.2839



38.3920, 38.9908, 33.5984

Sweetspot

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



33.7616, 38.9924, 45.7919



68.8508, 74.6500, 83.4162



31.0231, 37.9078, 30.8818



15.2119, 16.5449, 18.5359



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.7616, 38.9924, 45.7919



58.9366, 69.5391, 82.9502



30.8610, 33.1907, 44.8261



8.2363, 9.0721, 10.2695



16.5187, 24.1728, 32.8351



0.4595, 0.6725, 0.9135

Inverse Universe

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



31.7895, 29.9725, 29.3107



54.6583, 49.9716, 47.1962



34.3132, 35.0201, 30.1510



8.0053, 8.0154, 8.3387



12.6607, 6.5268, 0.5928



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 33.7605, 38.9908, 45.7910 looks on a white background.

Color Contrast Check

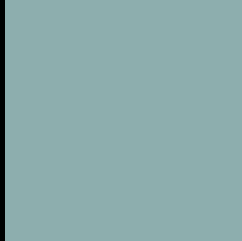
Large Text (above 18pt) WCAG AA × Fail

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 33.7605, 38.9908, 45.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

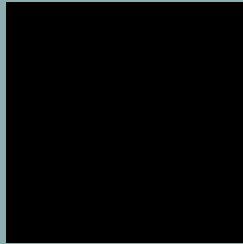
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.7605, 38.9908, 45.7910

Background



This preview shows how black text looks on a background with the XYZ color 33.7605, 38.9908, 45.7910.



This preview shows how white text looks on a background with the XYZ color 33.7605, 38.9908,

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

33.7605, 38.9908, 45.7910

Protanopia

37.4695, 38.7208, 43.5292

Deuteranopia

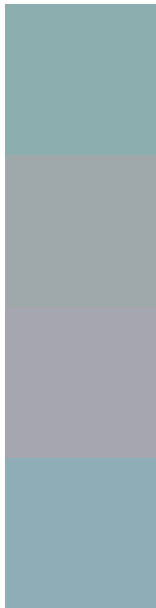
39.3472, 38.5590, 46.4431



Tritanopia

34.9431, 38.8899, 52.1192

Trichromacy



Original Color

33.7605, 38.9908, 45.7910

Protanomaly

35.8367, 38.6871, 44.1066

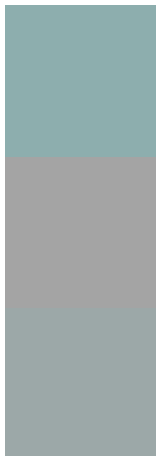
Deuteranomaly

36.8911, 38.3669, 46.0186

Tritanomaly

34.5424, 39.0153, 49.9661

Monochromacy



Original Color

33.7605, 38.9908, 45.7910

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.7808, 37.9003, 42.5281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7605, 38.9908, 45.7910 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(141, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(141, 174, 174)  
}
```

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(141, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 174, 174) }
```

Border

The CSS property to change the border of an element to XYZ 33.7605, 38.9908, 45.7910 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(141, 174, 174) }
```


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

```
.border{ border-color:rgb(141, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(141, 174,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7605, 38.9908, 45.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 174, 174) }
```

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

```
.background{ background-color: rgb(141,  
174, 174) }
```

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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