

Converting Colors

XYZ(33.5404, 38.4988, 49.9192)

Have a look what the booklet for
XYZ(33.5404, 38.4988, 49.9192)
contains.

XYZ(33.5404, 38.4988, 49.9192)	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(33.5404, 38.4988,
49.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	88ADB6
RGB	136, 173, 182
RGB Percent	53%, 68%, 71%
CMY	0.4667, 0.3216, 0.2863
CMYK	0.25, 0.05, 0.00, 0.29
HSL	192°, 24%, 62%
HSV	192°, 25%, 71%
XYZ	33.5404, 38.4988, 49.9192
YIQ	162.9630, -24.9410, -5.0450

Conversions

Conversions Part 2

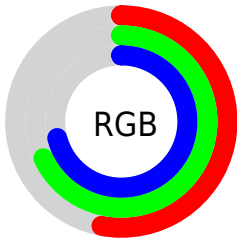
Format	Color
RYB	136, 157, 182
Decimal	8957366
CIELab	68.39, -10.41, -8.72
CIELCh	68, 13.578, 219.972
Yxy	38.4988, 0.2750, 0.3157
Android (android.graphics.Color)	4287147446 (0xFF88ADB6)
YUV	162.9630, 9.3852, -23.6466
Hunter-Lab	62.0474, -12.0928, -4.2676

Details

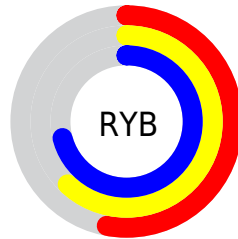
The XYZ color **33.5404, 38.4988, 49.9192** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.8611, 31.9736, 27.6802**, and the grayscale version is **34.7618, 36.5721, 39.8270**.

A 20% lighter version of the original color is **64.4112, 72.6070, 91.5086**, and **14.5461, 17.1910, 23.3204** is the 20% darker color. If you saturate the color by 10%, you get **30.1586, 35.7564, 49.5687**, and if you desaturate by 10%, it is **37.4446, 41.5395, 50.3010**.

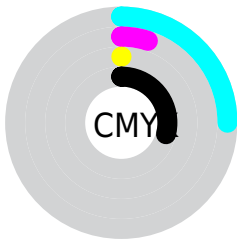
Distribution



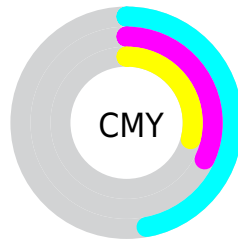
- Red (53%)
- Green (68%)
- Blue (71%)



- Red (53%)
- Yellow (62%)
- Blue (71%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (47%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5404, 38.4988, 49.9192 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 33.5404, 38.4988, 49.9192 by changing the saturation by 10% instead.

■ 33.5404, 38.4988,
49.9192

■ 33.5404, 38.4988,
49.9192

309.6999,
339.7549, 403.0759

■ 22.7020, 26.3700,
34.9785

■ 64.5674, 72.8720,
91.4502

■ 14.4931, 17.1007,
23.3629

■ 85.4866, 95.8853,
118.8776

■ 8.5484, 10.3063,
14.6539

■ 110.4968,
123.2955, 151.3043

■ 4.5025, 5.6025,
8.4329

139.9633,
155.4871, 189.1488

■ 1.9902, 2.6049,
4.2815

174.2516,
192.8444, 232.8296

■ 0.6284, 0.9291,
1.7810

213.7268,

■ 0.0000, 0.0000,

235.7519, 282.7654

0.4154

258.7545,
284.5939, 339.3747

■ 0.0000, 0.0000,
0.0000

■ 33.5404, 38.4988,
49.9192

■ 33.5404, 38.4988,
49.9192

■ 30.1586, 35.7564,
49.5687

■ 37.4446, 41.5395,
50.3010

■ 27.2703, 33.2942,
49.2457

■ 41.8915, 44.8861,
50.7126

■ 24.8489, 31.0994,
48.9497

■ 46.9045, 48.5520,
51.1559

■ 22.8639, 29.1559,
48.6792

■ 52.5043, 52.5481,
51.6321

■ 21.2811, 27.4458,
48.4325

■ 58.7110, 56.8848,
52.1421

■ 20.0608, 25.9486,
48.2079

■ 65.5434, 61.5721,
52.6867

■ 19.1543, 24.6389,
48.0028

■ 69.8603, 64.9907,
53.1190

■ 18.7844, 24.0590,
47.9104

■ 70.6832, 66.6366,
53.3933

■ 71.5254, 68.3210,
53.6741

Harmonies

Analogous

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



32.7024, 38.4988, 43.9839



33.5404, 38.4988, 49.9192



35.2063, 38.4988, 53.9403

Triad

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



33.5404, 38.4988, 49.9192



40.5787, 38.4988, 46.0680



35.8869, 38.4988, 31.3895

Complementary

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



33.5404, 38.4988, 49.9192



33.8611, 31.9736, 27.6802

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.



38.0135, 38.4988, 31.8307



33.5404, 38.4988, 49.9192



40.7782, 38.4988, 39.9191

Square

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



33.5404, 38.4988, 49.9192



39.2882, 38.4988, 51.5716



39.8232, 38.4988, 34.8221



34.0220, 38.4988, 33.5523

Rectangle

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



33.5404, 38.4988, 49.9192



36.5899, 38.4988, 54.7843



39.8232, 38.4988, 34.8221



36.5940, 38.4988, 31.2436

Sweetspot

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



33.5415, 38.5004, 49.9201



73.5380, 79.5828, 91.7209



31.9492, 40.7177, 32.7357



15.9694, 17.3729, 20.2332



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.5415, 38.5004, 49.9201



57.4851, 67.1311, 90.1635



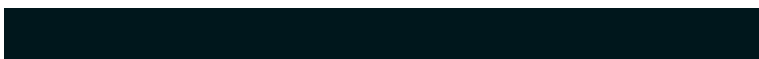
29.5946, 30.6064, 48.6044



9.1134, 9.9040, 11.5108



13.3120, 17.0837, 33.8489



0.5080, 0.6797, 1.2062

Inverse Universe

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



35.6393, 30.5714, 43.5594



61.9631, 50.6449, 76.4870



37.6343, 39.5199, 28.9379



9.3036, 9.1318, 10.9461



17.3330, 8.5069, 20.1720



0.6306, 0.3077, 0.8140

Previews

White Background



This preview shows how the XYZ color 33.5404, 38.4988, 49.9192 looks on a white background.

Color Contrast Check

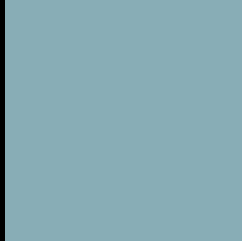
Large Text (above 18pt) WCAG AA × Fail

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 33.5404, 38.4988, 49.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

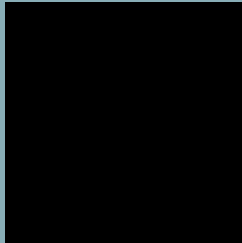
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5404, 38.4988, 49.9192

Background



This preview shows how black text looks on a background with the XYZ color 33.5404, 38.4988, 49.9192.

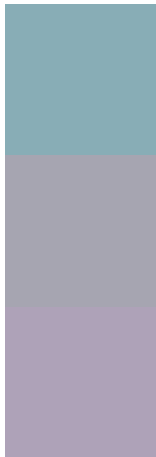


This preview shows how white text looks on a background with the XYZ color 33.5404, 38.4988,

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

33.5404, 38.4988, 49.9192

Protanopia

37.1168, 38.1916, 47.0104

Deuteranopia

39.0276, 38.3000, 50.6831



Tritanopia

33.9320, 38.3686, 52.0718

Trichromacy



Original Color

33.5404, 38.4988, 49.9192

Protanomaly

35.6569, 38.2285, 48.1473

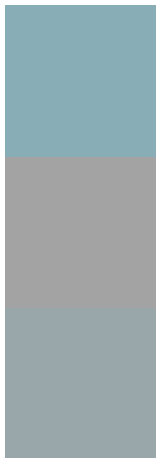
Deuteranomaly

36.6807, 38.1649, 50.2330

Tritanomaly

33.8260, 38.3262, 51.5138

Monochromacy



Original Color

33.5404, 38.4988, 49.9192

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2113, 37.3120, 43.4290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5404, 38.4988, 49.9192 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(136, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(136, 173, 182)  
}
```

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(136, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 173, 182) }
```

Border

The CSS property to change the border of an element to XYZ 33.5404, 38.4988, 49.9192 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(136, 173, 182) }
```


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

```
.border{ border-color:rgb(136, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(136, 173,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5404, 38.4988, 49.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 173, 182) }
```

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

```
.background{ background-color: rgb(136,  
173, 182) }
```

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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