

Converting Colors

XYZ(34.9845, 38.5935, 53.4684)

Have a look what the booklet for
XYZ(34.9845, 38.5935, 53.4684)
contains.

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Color

**XYZ(35.0759, 38.6396,
53.7536)**

Conversions

Conversions Part 1

Format	Color
Hex	8FABBD
RGB	143, 171, 189
RGB Percent	56%, 67%, 74%
CMY	0.4392, 0.3294, 0.2588
CMYK	0.24, 0.10, 0.00, 0.26
HSL	203°, 26%, 65%
HSV	203°, 24%, 74%
XYZ	35.0759, 38.6396, 53.7536
YIQ	164.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

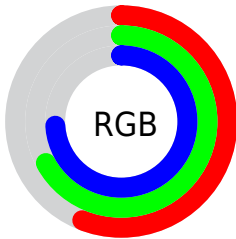
Format	Color
RYB	143, 160, 189
Decimal	9415613
CIELab	68.49, -5.54, -12.40
CIELCh	68, 13.578, 245.932
Yxy	38.6396, 0.2752, 0.3031
Android (android.graphics.Color)	4287605693 (0xFF8FABBD)
YUV	164.6800, 11.9898, -19.0134
Hunter-Lab	62.1608, -8.0578, -7.7586

Details

The XYZ color **35.0759, 38.6396, 53.7536** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6894, 38.2918, 31.3394**, and the grayscale version is **35.5640, 37.4161, 40.7462**.

A 20% lighter version of the original color is **66.7037, 72.8556, 96.9331**, and **15.4544, 17.2465, 25.8069** is the 20% darker color. If you saturate the color by 10%, you get **30.7179, 34.3779, 53.1613**, and if you desaturate by 10%, it is **40.0657, 43.3449, 54.3995**.

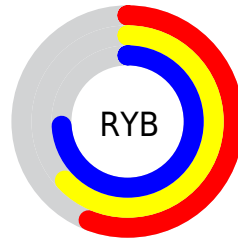
Distribution



Red (56%)

Green (67%)

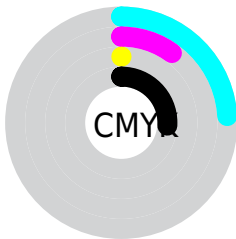
Blue (74%)



Red (56%)

Yellow (63%)

Blue (74%)

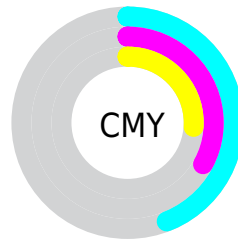


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (44%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0759, 38.6396, 53.7536 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 35.0759, 38.6396, 53.7536 by changing the saturation by 10% instead.

■ 35.0759, 38.6396,
53.7536

■ 35.0759, 38.6396,
53.7536

316.4054,
340.3558, 418.3177

■ 23.8881, 26.4795,
38.0129

■ 66.9366, 73.0874,
97.1651

■ 15.3749, 17.1827,
25.6908

■ 88.3402, 96.1439,
125.6730

■ 9.1710, 10.3648,
16.3688

113.8798,
123.6013, 159.2736

■ 4.9109, 5.6415,
9.6283

143.9208,
155.8440, 198.3856

■ 2.2293, 2.6283,
5.0508

178.8285,
193.2564, 243.4275

■ 0.7581, 0.9409,
2.2179

218.9682,

■ 0.0000, 0.0000,

236.2229, 294.8178

0.6846

264.7054,
285.1279, 352.9750

■ 0.0000, 0.0000,
0.0000

■ 35.0759, 38.6396,
53.7536

■ 35.0759, 38.6396,
53.7536

■ 30.7179, 34.3779,
53.1613

■ 40.0657, 43.3449,
54.3995

■ 26.9593, 30.5384,
52.6184

■ 45.7105, 48.5048,
55.0979

■ 23.7699, 27.1046,
52.1237

■ 52.0370, 54.1358,
55.8513

■ 21.1153, 24.0568,
51.6753

■ 59.0690, 60.2518,
56.6612

■ 18.9573, 21.3731,
51.2710

■ 66.8290, 66.8663,
57.5290

■ 17.2515, 19.0287,
50.9084

■ 74.8209, 73.7251,
58.4316

■ 15.9449, 16.9940,
50.5845

■ 76.7510, 77.5854,
59.0750

■ 15.3222, 15.9476,
50.4154

■ 78.7675, 81.6182,
59.7472

■ 80.8712, 85.8258,
60.4484

Harmonies

Analogous

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



33.4991, 38.6396, 49.3600



35.0759, 38.6396, 53.7536



37.1520, 38.6396, 54.8916

Triad

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



35.0759, 38.6396, 53.7536



40.9649, 38.6396, 40.8678



34.3676, 38.6396, 33.2471

Complementary

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



35.0759, 38.6396, 53.7536



38.6894, 38.2918, 31.3394

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.



36.3029, 38.6396, 31.4219



35.0759, 38.6396, 53.7536



40.1533, 38.6396, 35.5391

Square

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



35.0759, 38.6396, 53.7536



40.6055, 38.6396, 47.0544



38.4266, 38.6396, 32.2186



33.1014, 38.6396, 37.4543

Rectangle

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



35.0759, 38.6396, 53.7536



38.5516, 38.6396, 53.5634



38.4266, 38.6396, 32.2186



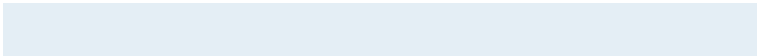
34.9586, 38.6396, 32.3542

Sweetspot

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



35.0771, 38.6412, 53.7545



78.9416, 84.2241, 98.3224



35.9268, 44.7959, 40.3027



16.8430, 17.9911, 21.1275



90.7827, 95.5105, 104.0109



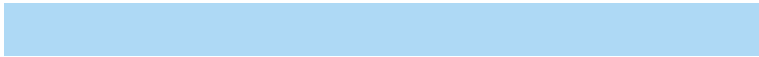
18.6292, 19.5994, 21.3438

Same Dimension

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



35.0771, 38.6412, 53.7545



58.6827, 65.1949, 95.7172



31.1613, 30.8097, 52.4492



9.4867, 10.1657, 12.1344



10.3851, 10.8820, 33.9460



0.4687, 0.5501, 1.3503

Inverse Universe

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



38.1603, 33.4049, 42.9664



65.2129, 54.5855, 72.7607



43.0093, 46.9315, 32.7793



9.7675, 9.6313, 11.1647



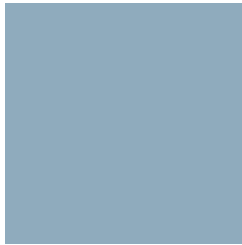
16.2427, 8.1282, 11.8376



0.6675, 0.3309, 0.6282

Previews

White Background



This preview shows how the XYZ color 35.0759, 38.6396, 53.7536 looks on a white background.

Color Contrast Check

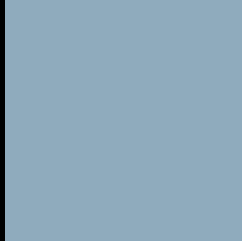
Large Text (above 18pt) WCAG AA × Fail

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 35.0759, 38.6396, 53.7536 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

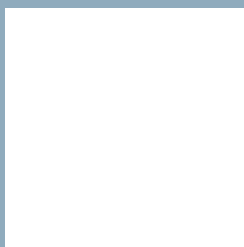
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0759, 38.6396, 53.7536

Background



This preview shows how black text looks on a background with the XYZ color 35.0759, 38.6396, 53.7536.



This preview shows how white text looks on a background with the XYZ color 35.0759, 38.6396,

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

35.0759, 38.6396, 53.7536

Protanopia

37.5219, 38.3056, 51.3150

Deuteranopia

39.1189, 38.2602, 54.6134



Tritanopia

34.6648, 38.7586, 51.5531

Trichromacy



Original Color

35.0759, 38.6396, 53.7536

Protanomaly

36.3919, 38.2505, 51.9194

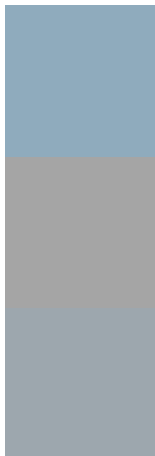
Deuteranomaly

37.4473, 38.2050, 54.1158

Tritanomaly

34.7708, 38.8010, 52.1111

Monochromacy



Original Color

35.0759, 38.6396, 53.7536

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3633, 37.8615, 45.4886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0759, 38.6396, 53.7536 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(143, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(143, 171, 189)  
}
```

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(143, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 171, 189) }
```

Border

The CSS property to change the border of an element to XYZ 35.0759, 38.6396, 53.7536 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(143, 171, 189) }
```


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

```
.border{ border-color:rgb(143, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(143, 171,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0759, 38.6396, 53.7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 171, 189) }
```

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

```
.background{ background-color: rgb(143,  
171, 189) }
```

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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