

Converting Colors

XYZ(35.3264, 37.8061, 53.9562)

Have a look what the booklet for
XYZ(35.3264, 37.8061, 53.9562)
contains.

XYZ(35.5096, 38.0189, 54.1820)	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(35.5096, 38.0189,
54.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	94A8BE
RGB	148, 168, 190
RGB Percent	58%, 66%, 75%
CMY	0.4196, 0.3412, 0.2549
CMYK	0.22, 0.12, 0.00, 0.25
HSL	211°, 24%, 66%
HSV	211°, 22%, 75%
XYZ	35.5096, 38.0189, 54.1820
YIQ	164.5280, -18.9820, 2.6020

Conversions

Conversions Part 2

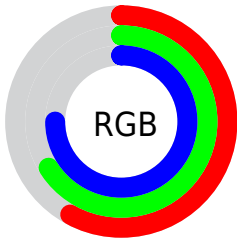
Format	Color
R_{YB}	148, 162, 190
Decimal	9742526
CIE _{Lab}	68.03, -2.10, -13.60
CIE _{LCh}	68, 13.762, 261.204
Yxy	38.0189, 0.2780, 0.2977
Android (android.graphics.Color)	4287932606 (0xFF94A8BE)
YUV	164.5280, 12.5577, -14.4951
Hunter-Lab	61.6595, -5.1062, -8.9383

Details

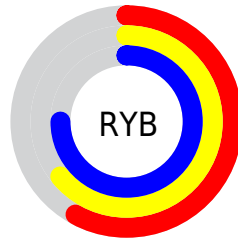
The XYZ color **35.5096, 38.0189, 54.1820** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9555, 41.8346, 33.9340**, and the grayscale version is **35.4876, 37.3357, 40.6586**.

A 20% lighter version of the original color is **67.6508, 72.1257, 97.5448**, and **15.6905, 16.8383, 26.0901** is the 20% darker color. If you saturate the color by 10%, you get **30.5837, 32.8566, 53.4458**, and if you desaturate by 10%, it is **41.1426, 43.7564, 54.9932**.

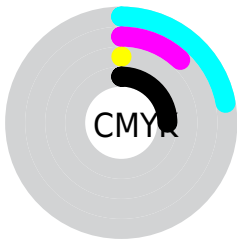
Distribution



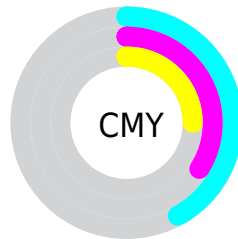
- Red (58%)
- Green (66%)
- Blue (75%)



- Red (58%)
- Yellow (64%)
- Blue (75%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5096, 38.0189, 54.1820 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 35.5096, 38.0189, 54.1820 by changing the saturation by 10% instead.

■ 35.5096, 38.0189,
54.1820

■ 35.5096, 38.0189,
54.1820

318.2807,
337.7010, 419.9979

■ 24.2240, 25.9974,
38.3530

■ 67.6033, 72.1371,
97.8005

■ 15.6255, 16.8217,
25.9528

■ 89.1422, 95.0026,
126.4271

■ 9.3487, 10.1074,
16.5629

114.8295,
122.2514, 160.1567

■ 5.0283, 5.4702,
9.7647

145.0307,
154.2681, 199.4078

■ 2.2988, 2.5257,
5.1397

180.1110,
191.4371, 244.5989

■ 0.7940, 0.8895,
2.2693

220.4359,

■ 0.0000, 0.0000,

234.1426, 296.1486

0.7139

266.3707,
282.7691, 354.4754

■ 0.0000, 0.0000,
0.0000

■ 35.5096, 38.0189,
54.1820

■ 35.5096, 38.0189,
54.1820

■ 30.5837, 32.8566,
53.4458

■ 41.1426, 43.7564,
54.9932

■ 26.3307, 28.2443,
52.7797

■ 47.5078, 50.0836,
55.8790

■ 22.7188, 24.1618,
52.1821

■ 54.6334, 57.0204,
56.8424

■ 19.7120, 20.5856,
51.6503

■ 62.5450, 64.5842,
57.8853

■ 17.2702, 17.4897,
51.1814

■ 71.2667, 72.7917,
59.0098

■ 15.3479, 14.8454,
50.7723

■ 78.1987, 80.3063,
60.0950

■ 13.8913, 12.6192,
50.4194

■ 81.0111, 85.9311,
61.0324

■ 12.9917, 11.1125,
50.1760

■ 83.9835, 91.8761,
62.0232

■ 86.2944, 96.4978,
62.7935

Harmonies

Analogous

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



33.6161, 38.0189, 51.2871



35.5096, 38.0189, 54.1820



37.6461, 38.0189, 53.3963

Triad

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



35.5096, 38.0189, 54.1820



40.1135, 38.0189, 37.2746



33.0198, 38.0189, 34.4363

Complementary

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



35.5096, 38.0189, 54.1820



40.9555, 41.8346, 33.9340

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.



34.6665, 38.0189, 31.3437



35.5096, 38.0189, 54.1820



38.7784, 38.0189, 32.8663

Square

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



35.5096, 38.0189, 54.1820



40.3610, 38.0189, 43.2264



36.7694, 38.0189, 30.7988



32.2163, 38.0189, 39.6183

Rectangle

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



35.5096, 38.0189, 54.1820



38.9175, 38.0189, 50.9206



36.7694, 38.0189, 30.7988



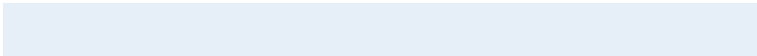
33.4899, 38.0189, 33.1402

Sweetspot

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



35.5108, 38.0204, 54.1829



80.1436, 84.8790, 100.4384



37.8542, 46.0144, 44.7688



17.4448, 18.4855, 22.0339



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.5108, 38.0204, 54.1829



59.4333, 63.7811, 97.4577



32.2246, 31.2597, 53.0511



9.3812, 9.9547, 12.0992



8.7162, 7.5442, 33.3897



0.4069, 0.4265, 1.3297

Inverse Universe

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



38.8939, 34.9549, 41.7446



66.8475, 57.4814, 70.1049



44.8202, 49.8229, 35.2722



9.7143, 9.6100, 10.8843



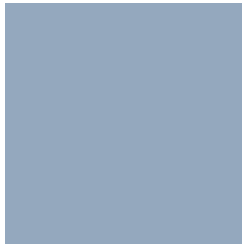
15.4003, 7.7913, 7.4017



0.6363, 0.3184, 0.4641

Previews

White Background



This preview shows how the XYZ color 35.5096, 38.0189, 54.1820 looks on a white background.

Color Contrast Check

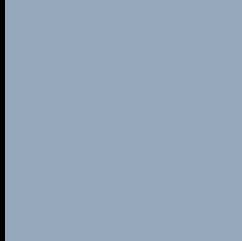
Large Text (above 18pt) WCAG AA × Fail

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 35.5096, 38.0189, 54.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

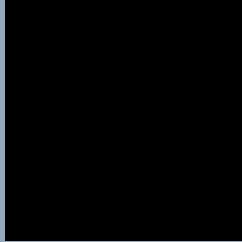
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

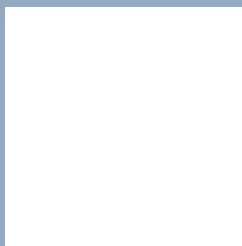
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5096, 38.0189, 54.1820

Background



This preview shows how black text looks on a background with the XYZ color 35.5096, 38.0189, 54.1820.



This preview shows how white text looks on a background with the XYZ color 35.5096, 38.0189,

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

35.5096, 38.0189, 54.1820

Protanopia

37.2529, 37.8631, 52.9218

Deuteranopia

38.5110, 37.6863, 54.5347



Tritanopia

34.7678, 37.9979, 50.3016

Trichromacy



Original Color

35.5096, 38.0189, 54.1820

Protanomaly

36.5451, 37.7525, 53.5049

Deuteranomaly

37.3774, 37.8896, 54.6336

Tritanomaly

35.0835, 38.1241, 51.9640

Monochromacy



Original Color

35.5096, 38.0189, 54.1820

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5743, 37.6994, 45.4461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5096, 38.0189, 54.1820 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(148, 168, 190)` looks like.

```
.text, #text, p{  
    color:rgb(148, 168, 190)  
}
```

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(148, 168, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 168, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.5096, 38.0189, 54.1820 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(148, 168, 190) }
```


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

```
.border{ border-color:rgb(148, 168, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 168, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 168, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 168, 190);  
box-shadow:4px 4px 4px 4px rgb(148, 168,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5096, 38.0189, 54.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 168, 190) }
```

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

```
.background{ background-color: rgb(148,  
168, 190) }
```

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