

Converting Colors

XYZ(35.8656, 40.1649, 53.8358)

Have a look what the booklet for
XYZ(35.8656, 40.1649, 53.8358)
contains.

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Color

**XYZ(35.8430, 40.1737,
54.0093)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAFBD
RGB	143, 175, 189
RGB Percent	56%, 69%, 74%
CMY	0.4392, 0.3137, 0.2588
CMYK	0.24, 0.07, 0.00, 0.26
HSL	198°, 26%, 65%
HSV	198°, 24%, 74%
XYZ	35.8430, 40.1737, 54.0093
YIQ	167.0280, -23.5660, -2.4300

Conversions

Conversions Part 2

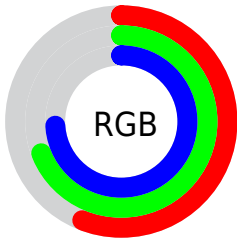
Format	Color
RYB	143, 162, 189
Decimal	9416637
CIELab	69.59, -7.70, -10.74
CIElCh	70, 13.218, 234.377
Yxy	40.1737, 0.2757, 0.3090
Android (android.graphics.Color)	4287606717 (0xFF8FAFBD)
YUV	167.0280, 10.8322, -21.0726
Hunter-Lab	63.3827, -9.9778, -6.1539

Details

The XYZ color **35.8430, 40.1737, 54.0093** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0017, 36.9162, 31.1102**, and the grayscale version is **36.7023, 38.6137, 42.0503**.

A 20% lighter version of the original color is **68.0833, 75.6147, 97.3929**, and **15.9405, 18.2188, 25.9690** is the 20% darker color. If you saturate the color by 10%, you get **31.7473, 36.4367, 53.5045**, and if you desaturate by 10%, it is **40.5400, 44.2935, 54.5576**.

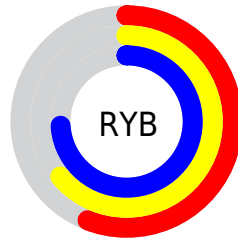
Distribution



Red (56%)

Green (69%)

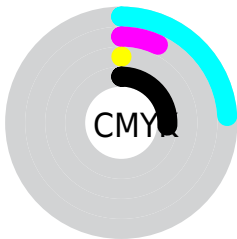
Blue (74%)



Red (56%)

Yellow (64%)

Blue (74%)

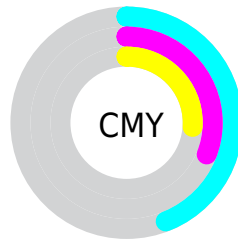


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (44%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8430, 40.1737, 54.0093 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 35.8430, 40.1737, 54.0093 by changing the saturation by 10% instead.

■ 35.8430, 40.1737,
54.0093

■ 35.8430, 40.1737,
54.0093

319.7170,
346.8551, 419.3211

■ 24.4825, 27.6740,
38.2159

■ 68.1151, 75.4279,
97.5444

■ 15.8186, 18.0801,
25.8471

■ 89.7575, 98.9513,
126.1232

■ 9.4859, 11.0075,
16.4846

115.5578,
126.9180, 159.8009

■ 5.1191, 6.0719,
9.7096

145.8815,
159.7124, 198.9960

■ 2.3528, 2.8888,
5.1038

181.0940,
197.7189, 244.1270

■ 0.8215, 1.0740,
2.2485

221.5604,

■ 0.0000, 0.0000,

241.3219, 295.6125

0.7021

267.6463,
290.9059, 353.8710

■ 0.0000, 0.0000,
0.0000

■ 35.8430, 40.1737,
54.0093

■ 35.8430, 40.1737,
54.0093

■ 31.7473, 36.4367,
53.5045

■ 40.5400, 44.2935,
54.5576

■ 28.2212, 33.0622,
53.0390

■ 45.8610, 48.8056,
55.1481

■ 25.2352, 30.0352,
52.6121

■ 51.8319, 53.7252,
55.7830

■ 22.7557, 27.3374,
52.2221

■ 58.4757, 59.0651,
56.4635

■ 20.7451, 24.9486,
51.8670

■ 65.8147, 64.8375,
57.1909

■ 19.1599, 22.8453,
51.5446

■ 73.3518, 70.7868,
57.9420

■ 17.9477, 20.9997,
51.2522

■ 74.7930, 73.6694,
58.4224

■ 17.3673, 20.0378,
51.0971

■ 76.2859, 76.6550,
58.9200

■ 77.8307, 79.7447,
59.4349

Harmonies

Analogous

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



34.5663, 40.1737, 48.7753



35.8430, 40.1737, 54.0093



37.7832, 40.1737, 56.5134

Triad

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



35.8430, 40.1737, 54.0093



42.4157, 40.1737, 44.9041



36.5149, 40.1737, 33.8860

Complementary

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



35.8430, 40.1737, 54.0093



38.0017, 36.9162, 31.1102

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.



38.5874, 40.1737, 33.0566



35.8430, 40.1737, 54.0093



42.0455, 40.1737, 39.0681

Square

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



35.8430, 40.1737, 54.0093



41.6181, 40.1737, 50.9517



40.6246, 40.1737, 34.8666



34.9440, 40.1737, 37.2473

Rectangle

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



35.8430, 40.1737, 54.0093



39.2121, 40.1737, 56.1446



40.6246, 40.1737, 34.8666



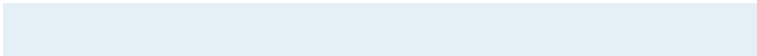
37.1738, 40.1737, 33.3158

Sweetspot

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



35.8442, 40.1753, 54.0102



79.3775, 85.0958, 98.4677



35.5949, 44.6631, 38.5546



16.9444, 18.1937, 21.1612



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.



35.8442, 40.1753, 54.0102



60.3040, 68.4375, 96.2576



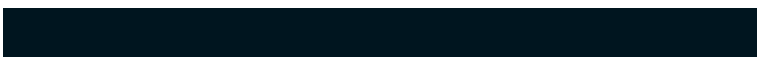
31.7747, 32.0362, 52.6537



9.5569, 10.3061, 12.1578



11.7549, 13.6216, 34.4026



0.5156, 0.6438, 1.3660

Inverse Universe

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



38.5476, 33.5599, 45.0053



66.0312, 54.9128, 77.0701



42.2259, 45.3646, 32.5183



9.8029, 9.6455, 11.3513



16.9341, 8.4048, 15.4785



0.6911, 0.3404, 0.7528

Previews

White Background



This preview shows how the XYZ color 35.8430, 40.1737, 54.0093 looks on a white background.

Color Contrast Check

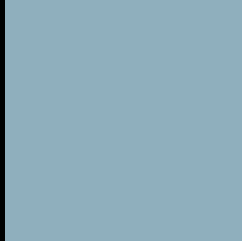
Large Text (above 18pt) WCAG AA × Fail

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 35.8430, 40.1737, 54.0093 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

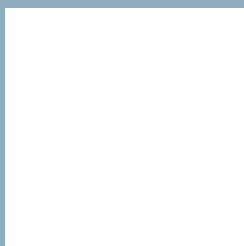
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8430, 40.1737, 54.0093

Background



This preview shows how black text looks on a background with the XYZ color 35.8430, 40.1737, 54.0093.



This preview shows how white text looks on a background with the XYZ color 35.8430, 40.1737,

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

35.8430, 40.1737, 54.0093

Protanopia

38.9080, 39.8329, 51.5368

Deuteranopia

40.7636, 39.9020, 54.8436



Tritanopia

35.8430, 40.1737, 54.0093

Trichromacy



Original Color

35.8430, 40.1737, 54.0093

Protanomaly

37.7239, 40.0419, 52.1950

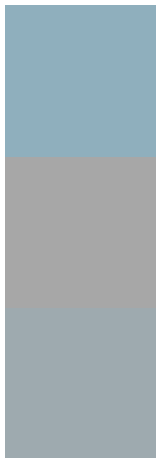
Deuteranomaly

38.7921, 39.9862, 54.3887

Tritanomaly

35.8430, 40.1737, 54.0093

Monochromacy



Original Color

35.8430, 40.1737, 54.0093

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2131, 39.1137, 46.1985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8430, 40.1737, 54.0093 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, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(143, 175, 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, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 35.8430, 40.1737, 54.0093 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, 175, 189) }
```


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

```
.border{ border-color:rgb(143, 175, 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, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(143, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8430, 40.1737, 54.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 175, 189) }
```

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

```
.background{ background-color: rgb(143,  
175, 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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