

Converting Colors

XYZ(38.5307, 42.5748, 55.7762)

Have a look what the booklet for
XYZ(38.5307, 42.5748, 55.7762)
contains.

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Color

**XYZ(38.5834, 42.7214,
56.0817)**

Conversions

Conversions Part 1

Format	Color
Hex	98B3C0
RGB	152, 179, 192
RGB Percent	60%, 70%, 75%
CMY	0.4039, 0.2980, 0.2471
CMYK	0.21, 0.07, 0.00, 0.25
HSL	199°, 24%, 67%
HSV	199°, 21%, 75%
XYZ	38.5834, 42.7214, 56.0817
YIQ	172.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

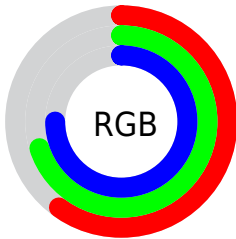
Format	Color
R_{YB}	152, 168, 192
Decimal	10007488
CIE _{Lab}	71.37, -6.36, -9.69
CIE _{LCh}	71, 11.588, 236.727
Yxy	42.7214, 0.2808, 0.3110
Android (android.graphics.Color)	4288197568 (0xFF98B3C0)
YUV	172.4090, 9.6584, -17.8987
Hunter-Lab	65.3616, -9.0131, -5.1190

Details

The XYZ color **38.5834, 42.7214, 56.0817** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8612, 40.3837, 35.3478**, and the grayscale version is **39.3808, 41.4317, 45.1191**.

A 20% lighter version of the original color is **72.3837, 79.4594, 100.3291**, and **17.3766, 19.4951, 27.2732** is the 20% darker color. If you saturate the color by 10%, you get **34.0547, 38.5733, 55.5204**, and if you desaturate by 10%, it is **43.7530, 47.2860, 56.6910**.

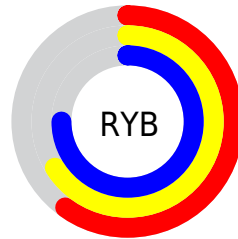
Distribution



Red (60%)

Green (70%)

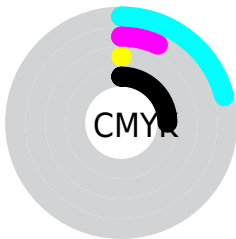
Blue (75%)



Red (60%)

Yellow (66%)

Blue (75%)

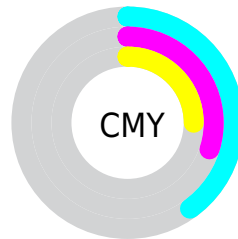


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5834, 42.7214, 56.0817 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 38.5834, 42.7214, 56.0817 by changing the saturation by 10% instead.

■ 38.5834, 42.7214,
56.0817

■ 38.5834, 42.7214,
56.0817

331.3538,
357.4648, 427.3963

■ 26.6151, 29.6666,
39.8640

■ 72.2996, 79.2903,
100.6110

■ 17.4194, 19.5857,
27.1195

■ 94.7782, 103.5731,
129.7597

■ 10.6311, 12.0942,
17.4298

121.4909,
132.3674, 164.0558

■ 5.8848, 6.8079,
10.3762

152.8031,
166.0576, 203.9178

■ 2.8152, 3.3422,
5.5402

189.0801,
205.0280, 249.7644

■ 1.0568, 1.3129,
2.5034

230.6873,

■ 0.0000, 0.1512,

249.6631, 302.0139

0.8419

277.9901,
300.3472, 361.0850

■ 0.0000, 0.0000,
0.0000

■ 38.5834, 42.7214,
56.0817

■ 38.5834, 42.7214,
56.0817

■ 34.0547, 38.5733,
55.5204

■ 43.7530, 47.2860,
56.6910

■ 30.1343, 34.8207,
55.0027

■ 49.5864, 52.2768,
57.3469

■ 26.7926, 31.4481,
54.5279

■ 56.1100, 57.7097,
58.0517

■ 23.9956, 28.4370,
54.0941

■ 63.3478, 63.5978,
58.8067

■ 21.7056, 25.7667,
53.6994

■ 71.3224, 69.9539,
59.6133

■ 19.8796, 23.4139,
53.3415

■ 75.4226, 74.4019,
60.2557

■ 18.4669, 21.3513,
53.0178

■ 77.0558, 77.6682,
60.8001

■ 17.4457, 19.6682,
52.7468

■ 78.7503, 81.0574,
61.3650

■ 80.5070, 84.5706,
61.9505

Harmonies

Analogous

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



37.3486, 42.7214, 51.5136



38.5834, 42.7214, 56.0817



40.3918, 42.7214, 58.0787

Triad

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



38.5834, 42.7214, 56.0817



44.4640, 42.7214, 47.1319



38.9427, 42.7214, 37.5716

Complementary

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



38.5834, 42.7214, 56.0817



40.8612, 40.3837, 35.3478

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.



40.8198, 42.7214, 36.6004



38.5834, 42.7214, 56.0817



44.0463, 42.7214, 41.8532

Square

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



38.5834, 42.7214, 56.0817



43.8208, 42.7214, 52.6582



42.6969, 42.7214, 38.1056



37.5513, 42.7214, 40.8717

Rectangle

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



38.5834, 42.7214, 56.0817



41.6939, 42.7214, 57.5737



42.6969, 42.7214, 38.1056



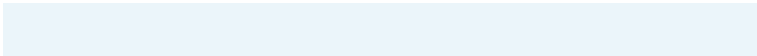
39.5360, 42.7214, 36.9739

Sweetspot

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



38.5847, 42.7231, 56.0827



84.1304, 89.8637, 103.2716



38.5605, 47.0800, 42.4942



17.9008, 19.1519, 22.1385



92.9021, 97.7402, 106.4391



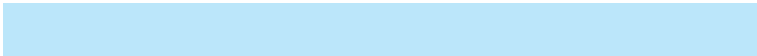
19.4759, 20.4902, 22.3138

Same Dimension

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



38.5847, 42.7231, 56.0827



66.0227, 73.8852, 101.1418



34.9196, 35.3931, 54.8610



10.0838, 10.8588, 12.8493



11.8122, 13.3808, 35.5168



0.5708, 0.6990, 1.5547

Inverse Universe

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



41.1042, 36.9185, 47.6094



71.4759, 61.7175, 82.7138



44.6858, 48.0329, 36.6226



10.3536, 10.1900, 11.9524



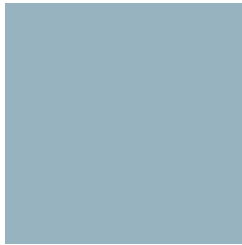
17.3582, 8.6330, 15.0643



0.7805, 0.3852, 0.8115

Previews

White Background



This preview shows how the XYZ color 38.5834, 42.7214, 56.0817 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 38.5834, 42.7214, 56.0817 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

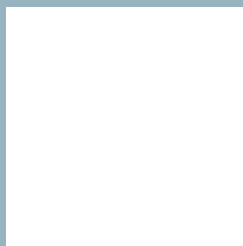
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5834, 42.7214, 56.0817

Background



This preview shows how black text looks on a background with the XYZ color 38.5834, 42.7214, 56.0817.



This preview shows how white text looks on a background with the XYZ color 38.5834, 42.7214,

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

38.5834, 42.7214, 56.0817

Protanopia

41.2543, 42.4022, 53.5871

Deuteranopia

43.4037, 42.5896, 56.9719



Tritanopia

38.6946, 42.7659, 56.6673

Trichromacy



Original Color

38.5834, 42.7214, 56.0817

Protanomaly

40.0323, 42.3334, 54.2053

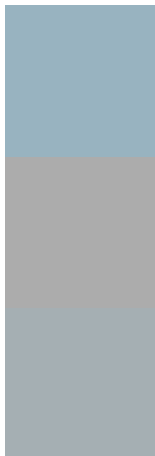
Deuteranomaly

41.3638, 42.3953, 56.4551

Tritanomaly

38.6946, 42.7659, 56.6673

Monochromacy



Original Color

38.5834, 42.7214, 56.0817

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9837, 41.9140, 48.6834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5834, 42.7214, 56.0817 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(152, 179, 192) looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 192)  
}
```

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(152, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.5834, 42.7214, 56.0817 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(152, 179, 192) }
```


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

```
.border{ border-color:rgb(152, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5834, 42.7214, 56.0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 192) }
```

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

```
.background{ background-color: rgb(152,  
179, 192) }
```

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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