

Converting Colors

XYZ(43.1738, 56.8337, 58.4804)

Have a look what the booklet for
XYZ(43.1738, 56.8337, 58.4804)
contains.

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Color

**XYZ(43.2339, 56.8855,
58.5705)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85D6C0 |
| RGB | 133, 214, 192 |
| RGB Percent | 52%, 84%, 75% |
| CMY | 0.4784, 0.1608, 0.2471 |
| CMYK | 0.38, 0.00, 0.10, 0.16 |
| HSL | 164°, 50%, 68% |
| HSV | 164°, 38%, 84% |
| XYZ | 43.2339, 56.8855, 58.5705 |
| YIQ | 187.2730, -41.2140, -24.0140 |

Conversions

Conversions Part 2

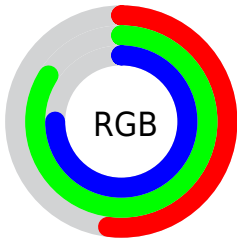
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 133, 180, 214 |
| Decimal | 8771264 |
| CIELab | 80.12, -29.76, 3.06 |
| CIElCh | 80, 29.915, 174.129 |
| Yxy | 56.8855, 0.2724, 0.3585 |
| Android (android.graphics.Color) | 4286961344 (0xFF85D6C0) |
| YUV | 187.2730, 2.3304, -47.5974 |
| Hunter-Lab | 75.4225, -29.6690, 6.7532 |

Details

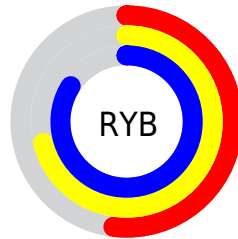
The XYZ color **43.2339, 56.8855, 58.5705** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.0375, 33.4393, 35.2515**, and the grayscale version is **47.3935, 49.8616, 54.2993**.

A 20% lighter version of the original color is **73.6895, 89.1161, 102.1242**, and **20.2002, 28.2801, 28.8200** is the 20% darker color. If you saturate the color by 10%, you get **39.5622, 55.0671, 55.1034**, and if you desaturate by 10%, it is **47.6226, 59.0735, 62.2064**.

Distribution



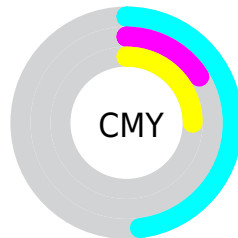
- Red (52%)
- Green (84%)
- Blue (75%)



- Red (52%)
- Yellow (71%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)





- Cyan (48%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2339, 56.8855, 58.5705 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 43.2339, 56.8855, 58.5705 by changing the saturation by 10% instead.


 43.2339, 56.8855,
58.5705


 43.2339, 56.8855,
58.5705


350.4780,
413.0201, 436.9659


 30.2640, 40.9133,
41.8497


 79.3172, 100.2981,
104.2761

 20.1881, 28.2514,
28.6590


 103.1613,
128.5073, 134.0981

 12.6409, 18.5152,
18.5796

 131.3609,
161.5643, 169.1242

 7.2570, 11.3205,
11.1932

164.2813,
199.8535, 209.7730

 3.6711, 6.2829,
6.0811

202.2879,
243.7593, 256.4630

 1.5178, 3.0178,
2.8249

245.7459,

 0.3379, 1.1410,

293.6661, 309.6128

1.0059

295.0209,
349.9582, 369.6409

■ 0.0000, 0.0127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2339, 56.8855,
58.5705

■ 43.2339, 56.8855,
58.5705

■ 39.5622, 55.0671,
55.1034

■ 47.6226, 59.0735,
62.2064

■ 36.5603, 53.5896,
51.7978

■ 52.7622, 61.6442,
66.0105

■ 34.1827, 52.4311,
48.6512

■ 58.6903, 64.6184,
69.9873

■ 32.3764, 51.5643,
45.6595

■ 65.4405, 68.0133,
74.1398

■ 31.0788, 50.9569,
42.8182

■ 73.0444, 71.8453,
78.4709

■ 30.2015, 50.5634,
40.1216

■ 79.1361, 74.8946,
82.8712

■ 30.0377, 50.4912,
39.5592

■ 79.9517, 75.2208,
87.1660

■ 80.7946, 75.5580,
91.6048

■ 81.6652, 75.9062,
96.1890

Harmonies

Analogous

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



45.1215, 56.8855, 44.2893



43.2339, 56.8855, 58.5705



44.0679, 56.8855, 76.6876

Triad

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



43.2339, 56.8855, 58.5705



58.9986, 56.8855, 97.8713



61.2254, 56.8855, 38.5395

Complementary

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



43.2339, 56.8855, 58.5705



42.0375, 33.4393, 35.2515

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.



65.4768, 56.8855, 49.2134



43.2339, 56.8855, 58.5705



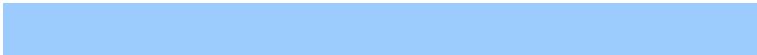
64.1251, 56.8855, 83.7461

Square

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



43.2339, 56.8855, 58.5705



52.8787, 56.8855, 101.6564



66.5758, 56.8855, 65.4335



55.2749, 56.8855, 34.2045

Rectangle

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



43.2339, 56.8855, 58.5705



46.0893, 56.8855, 88.3525



66.5758, 56.8855, 65.4335



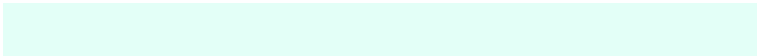
62.9180, 56.8855, 41.3958

Sweetspot

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



43.2355, 56.8878, 58.5718



84.2701, 94.5817, 102.1187



41.9827, 56.8520, 30.9521



17.7752, 20.1129, 21.6835



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.2355, 56.8878, 58.5718



60.0489, 82.4898, 83.1577



41.6539, 49.5269, 70.9853



12.6415, 14.0476, 15.1928



18.2007, 30.5356, 24.1503



1.1316, 1.8553, 1.6349

Inverse Universe

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



42.0375, 33.4393, 35.2515



58.0454, 43.0456, 43.9874



42.9614, 37.9799, 27.2579



12.5604, 12.4757, 13.6255



17.2632, 8.8416, 3.4239



1.0760, 0.5472, 0.3896

Previews

White Background



This preview shows how the XYZ color 43.2339, 56.8855, 58.5705 looks on a white background.

Color Contrast Check

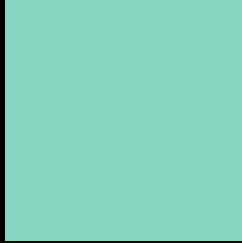
Large Text (above 18pt) WCAG AA × Fail

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 43.2339, 56.8855, 58.5705 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

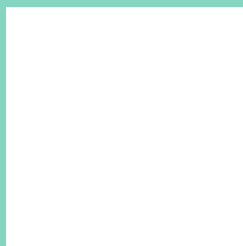
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2339, 56.8855, 58.5705

Background



This preview shows how black text looks on a background with the XYZ color 43.2339, 56.8855, 58.5705.

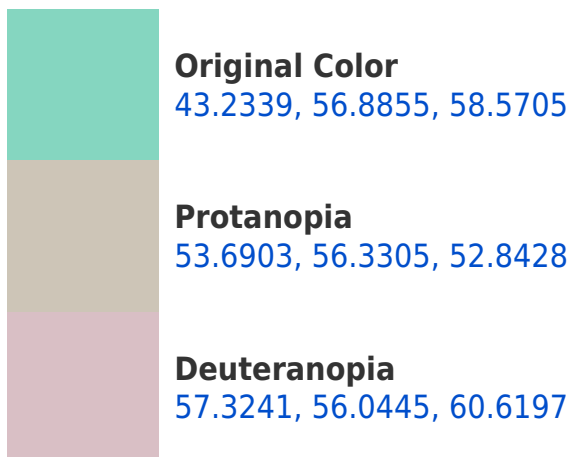


This preview shows how white text looks on a background with the XYZ color 43.2339, 56.8855,

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





Tritanopia

47.5124, 56.7546, 80.4021

Trichromacy



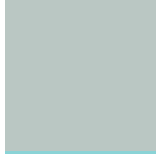
Original Color

43.2339, 56.8855, 58.5705



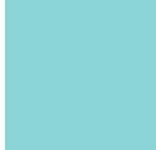
Protanomaly

48.8093, 55.8407, 54.6602



Deuteranomaly

50.5235, 55.2261, 59.6266



Tritanomaly

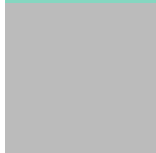
45.9131, 56.8468, 72.1710

Monochromacy



Original Color

43.2339, 56.8855, 58.5705



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

45.0879, 51.8221, 55.7704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2339, 56.8855, 58.5705 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(133, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(133, 214, 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(133, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 214, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.2339, 56.8855, 58.5705 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(133, 214, 192) }
```


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

```
.border{ border-color:rgb(133, 214, 192) }
```

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

Here you see how a box with a 4 pixel rgb(133, 214, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(133, 214,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2339, 56.8855, 58.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 214, 192) }
```

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

```
.background{ background-color: rgb(133,  
214, 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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