

Converting Colors

XYZ(43.3416, 51.4096, 57.1205)

Have a look what the booklet for
XYZ(43.3416, 51.4096, 57.1205)
contains.

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Color

**XYZ(43.3450, 51.5770,
56.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC7BF
RGB	155, 199, 191
RGB Percent	61%, 78%, 75%
CMY	0.3921, 0.2196, 0.2510
CMYK	0.22, 0.00, 0.04, 0.22
HSL	169°, 28%, 69%
HSV	169°, 22%, 78%
XYZ	43.3450, 51.5770, 56.9610
YIQ	184.9320, -23.6560, -11.8160

Conversions

Conversions Part 2

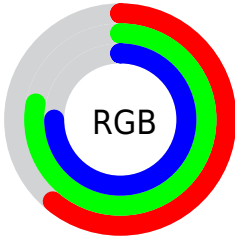
Format	Color
R _Y B	155, 179, 199
Decimal	10209215
CIE Lab	77.03, -16.12, -0.76
CIE LCh	77, 16.137, 182.701
Yxy	51.5770, 0.2854, 0.3396
Android (android.graphics.Color)	4288399295 (0xFF9BC7BF)
YUV	184.9320, 2.9915, -26.2504
Hunter-Lab	71.8171, -17.9469, 3.2468

Details

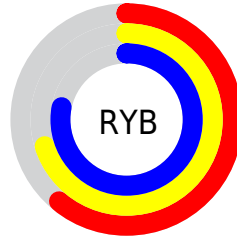
The XYZ color **43.3450, 51.5770, 56.9610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8873, 38.2306, 39.8242**, and the grayscale version is **46.0708, 48.4701, 52.7839**.

A 20% lighter version of the original color is **79.1268, 91.9370, 101.5709**, and **20.3064, 24.9693, 27.7941** is the 20% darker color. If you saturate the color by 10%, you get **39.4430, 49.6123, 54.7257**, and if you desaturate by 10%, it is **47.8892, 53.8744, 59.2799**.

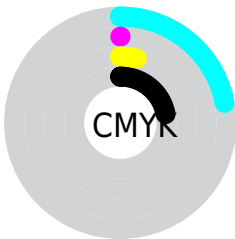
Distribution



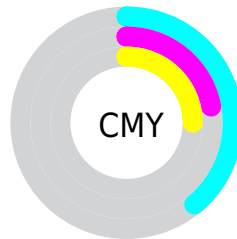
- Red (61%)
- Green (78%)
- Blue (75%)



- Red (61%)
- Yellow (70%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (39%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3450, 51.5770, 56.9610 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 43.3450, 51.5770, 56.9610 by changing the saturation by 10% instead.


 43.3450, 51.5770,
56.9610


 43.3450, 51.5770,
56.9610


350.9262,
392.8014, 430.7928

 30.3516, 36.6680,
40.5648


 79.4837, 92.5071,
101.9080

 20.2550, 24.9506,
27.6620


 103.3597,
119.2970, 131.2960

 12.6899, 16.0402,
17.8342

131.5939,
150.8160, 165.8515

 7.2909, 9.5526,
10.6628

164.5518,
187.4485, 205.9932

 3.6926, 5.1034,
5.7293

202.5985,
229.5789, 252.1397

 1.5297, 2.3080,
2.6151

246.0996,

 0.3459, 0.7780,

277.5916, 304.7094

0.9002

295.4204,
331.8710, 364.1209

■ 0.0000, 0.0000,
0.0000

■ 43.3450, 51.5770,
56.9610

■ 43.3450, 51.5770,
56.9610

■ 39.4430, 49.6123,
54.7257

■ 47.8892, 53.8744,
59.2799

■ 36.1480, 47.9579,
52.5687

■ 53.0999, 56.5129,
61.6807

■ 33.4278, 46.5989,
50.4893

■ 59.0057, 59.5085,
64.1662

■ 31.2459, 45.5161,
48.4854

■ 65.6320, 62.8744,
66.7378

■ 29.5611, 44.6886,
46.5546

■ 73.0030, 66.6231,
69.3970

■ 28.3263, 44.0919,
44.6944

■ 73.6387, 66.8984,
71.7943

■ 27.4853, 43.6972,
42.9018

■ 74.1026, 67.0840,
74.2369

■ 27.0183, 43.4863,
41.5313

■ 74.5768, 67.2736,
76.7340

■ 75.0613, 67.4675,
79.2856

Harmonies

Analogous

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



43.9490, 51.5770, 48.7379



43.3450, 51.5770, 56.9610



44.2088, 51.5770, 65.8225

Triad

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



43.3450, 51.5770, 56.9610



52.2898, 51.5770, 71.6637



51.7872, 51.5770, 42.4030

Complementary

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



43.3450, 51.5770, 56.9610



41.8873, 38.2306, 39.8242

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.



54.1733, 51.5770, 47.4901



43.3450, 51.5770, 56.9610



54.4720, 51.5770, 64.2967

Square

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



43.3450, 51.5770, 56.9610



49.3018, 51.5770, 74.8482



55.1751, 51.5770, 55.3637



48.7441, 51.5770, 40.8720

Rectangle

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



43.3450, 51.5770, 56.9610



45.5227, 51.5770, 70.7498



55.1751, 51.5770, 55.3637



52.6970, 51.5770, 43.7256

Sweetspot

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



43.3465, 51.5791, 56.9622



88.2668, 96.5630, 105.8772



41.4594, 51.0092, 38.6720



18.7736, 20.6082, 22.6070



0.0000, 0.0000, 0.0000



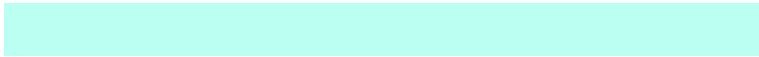
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3465, 51.5791, 56.9622



72.1451, 88.4175, 97.6453



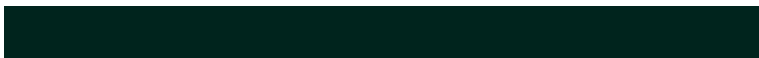
41.1909, 45.8198, 60.7084



10.8608, 12.0332, 13.2169



17.4023, 27.9733, 26.8608



0.8462, 1.3334, 1.3887

Inverse Universe

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



41.8873, 38.2306, 39.8242



69.1013, 60.5493, 61.8784



43.6469, 42.8615, 36.9840



10.7113, 10.6679, 11.4632



15.3755, 7.8998, 1.9215



0.7527, 0.3839, 0.2209

Previews

White Background



This preview shows how the XYZ color 43.3450, 51.5770, 56.9610 looks on a white background.

Color Contrast Check

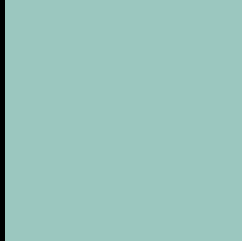
Large Text (above 18pt) WCAG AA × Fail

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 43.3450, 51.5770, 56.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

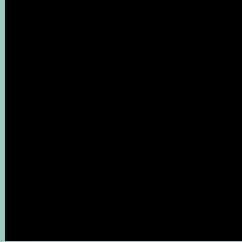
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3450, 51.5770, 56.9610

Background



This preview shows how black text looks on a background with the XYZ color 43.3450, 51.5770, 56.9610.



This preview shows how white text looks on a background with the XYZ color 43.3450, 51.5770,

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

43.3450, 51.5770, 56.9610

Protanopia

49.2027, 51.3673, 53.2206

Deuteranopia

52.3317, 51.2978, 58.1822



Tritanopia

45.9217, 51.6042, 69.8276

Trichromacy



Original Color

43.3450, 51.5770, 56.9610

Protanomaly

46.8620, 51.4311, 54.4710

Deuteranomaly

48.3168, 50.8102, 57.7129

Tritanomaly

44.9659, 51.5612, 64.7091

Monochromacy



Original Color

43.3450, 51.5770, 56.9610

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.8387, 49.4134, 54.1882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3450, 51.5770, 56.9610 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(155, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 199, 191)  
}
```

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(155, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 199, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.3450, 51.5770, 56.9610 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(155, 199, 191) }
```


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

```
.border{ border-color:rgb(155, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 199,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3450, 51.5770, 56.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 199, 191) }
```

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

```
.background{ background-color: rgb(155,  
199, 191) }
```

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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