

Converting Colors

XYZ(43.5615, 50.1908, 58.8448)

Have a look what the booklet for
XYZ(43.5615, 50.1908, 58.8448)
contains.

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Color

**XYZ(43.6635, 50.3413,
59.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC3C3
RGB	159, 195, 195
RGB Percent	62%, 76%, 76%
CMY	0.3765, 0.2353, 0.2353
CMYK	0.18, 0.00, 0.00, 0.24
HSL	180°, 23%, 69%
HSV	180°, 18%, 76%
XYZ	43.6635, 50.3413, 59.0453
YIQ	184.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

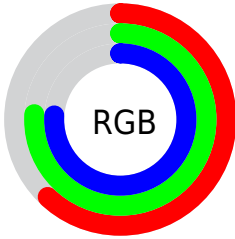
Format	Color
R_{YB}	159, 177, 195
Decimal	10470339
CIE _{Lab}	76.28, -11.95, -3.99
CIE _{LCh}	76, 12.600, 198.479
Yxy	50.3413, 0.2853, 0.3289
Android (android.graphics.Color)	4288660419 (0xFF9FC3C3)
YUV	184.2360, 5.3067, -22.1320
Hunter-Lab	70.9516, -14.3167, 0.3255

Details

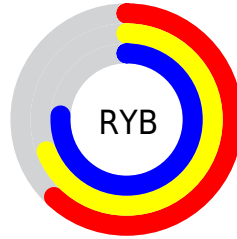
The XYZ color **43.6635, 50.3413, 59.0453** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1636, 38.9029, 38.1424**, and the grayscale version is **45.6716, 48.0501, 52.3266**.

A 20% lighter version of the original color is **80.1126, 90.9452, 105.4273**, and **20.3960, 24.0986, 28.7758** is the 20% darker color. If you saturate the color by 10%, you get **40.0977, 48.5044, 58.8786**, and if you desaturate by 10%, it is **47.8422, 52.4968, 59.2428**.

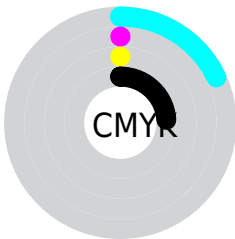
Distribution



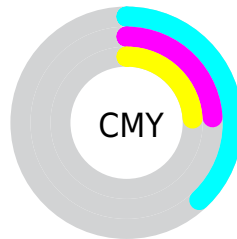
- Red (62%)
- Green (76%)
- Blue (76%)



- Red (62%)
- Yellow (69%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)




- Cyan (38%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6635, 50.3413, 59.0453 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 43.6635, 50.3413, 59.0453 by changing the saturation by 10% instead.


 43.6635, 50.3413,
59.0453


 43.6635, 50.3413,
59.0453


352.2088,
387.9991, 438.7763

 30.6028, 35.6847,
42.2293

 79.9606, 90.6804,
104.9733

 20.4469, 24.1908,
28.9540


 103.9278,
117.1316, 134.9224

 12.8305, 15.4752,
18.8007


132.2612,
148.2831, 170.0862

 7.3881, 9.1536,
11.3510

165.3262,
184.5193, 210.8834

 3.7545, 4.8415,
6.1863

203.4880,
226.2246, 257.7325

 1.5642, 2.1546,
2.8881

247.1122,

 0.3689, 0.6950,

273.7834, 311.0520

1.0378

296.5640,
327.5801, 371.2604

■ 0.0000, 0.0000,
0.0000

■ 43.6635, 50.3413,
59.0453

■ 43.6635, 50.3413,
59.0453

■ 40.0977, 48.5044,
58.8786

■ 47.8422, 52.4968,
59.2428

■ 37.1121, 46.9653,
58.7380

■ 52.6563, 54.9785,
59.4690

■ 34.6771, 45.7100,
58.6232

■ 58.1321, 57.8014,
59.7261

■ 32.7592, 44.7213,
58.5326

■ 64.2934, 60.9776,
60.0153

■ 31.3211, 43.9800,
58.4644

■ 70.6073, 64.2326,
60.3117

■ 30.3203, 43.4641,
58.4167

■ 70.6075, 64.2327,
60.3126

■ 29.7073, 43.1481,
58.3871

■ 70.6077, 64.2327,
60.3134

■ 29.4027, 42.9911,
58.3720

■ 70.6079, 64.2328,
60.3143

■ 29.3651, 42.9717,
58.3701

■ 70.6080, 64.2329,
60.3152

Harmonies

Analogous

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



43.5292, 50.3413, 52.2532



43.6635, 50.3413, 59.0453



44.8965, 50.3413, 65.1530

Triad

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



43.6635, 50.3413, 59.0453



51.3338, 50.3413, 63.9068



48.7618, 50.3413, 43.0174

Complementary

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



43.6635, 50.3413, 59.0453



41.1636, 38.9029, 38.1424

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.



50.9259, 50.3413, 45.6295



43.6635, 50.3413, 59.0453



52.4431, 50.3413, 57.4554

Square

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



43.6635, 50.3413, 59.0453



49.3037, 50.3413, 68.1152



52.2914, 50.3413, 50.7882



46.4210, 50.3413, 43.3664

Rectangle

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



43.6635, 50.3413, 59.0453



46.1992, 50.3413, 67.8423



52.2914, 50.3413, 50.7882



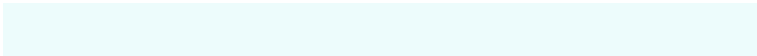
49.5354, 50.3413, 43.5690

Sweetspot

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



43.6650, 50.3434, 59.0464



87.6201, 95.0173, 106.1909



40.1919, 48.9679, 40.1352



19.0671, 20.7455, 23.2491



0.0000, 0.0000, 0.0000



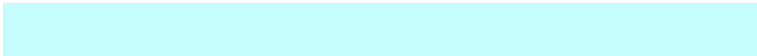
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6650, 50.3434, 59.0464



75.5960, 88.8187, 105.6257



39.9908, 42.9945, 57.8232



10.3685, 11.4285, 12.9441



19.0849, 27.9280, 37.9358



0.8246, 1.2067, 1.6392

Inverse Universe

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



41.1636, 38.9029, 38.1424



70.3224, 64.6990, 61.5542



44.3694, 45.3148, 39.2099



10.0733, 10.0779, 10.4763



14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 43.6635, 50.3413, 59.0453 looks on a white background.

Color Contrast Check

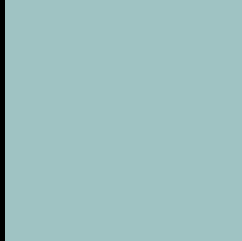
Large Text (above 18pt) WCAG AA × Fail

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 43.6635, 50.3413, 59.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

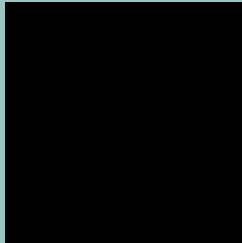
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6635, 50.3413, 59.0453

Background



This preview shows how black text looks on a background with the XYZ color 43.6635, 50.3413, 59.0453.

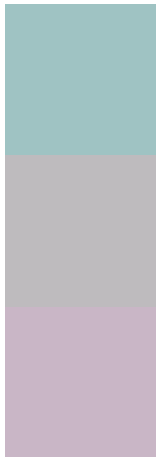


This preview shows how white text looks on a background with the XYZ color 43.6635, 50.3413,

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

43.6635, 50.3413, 59.0453

Protanopia

48.2998, 50.2055, 55.8602

Deuteranopia

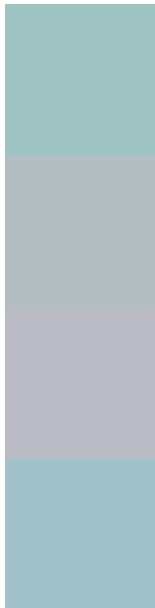
51.0084, 49.9506, 60.3791



Tritanopia

45.3554, 50.3754, 67.0074

Trichromacy



Original Color

43.6635, 50.3413, 59.0453

Protanomaly

46.5183, 50.2164, 57.1101

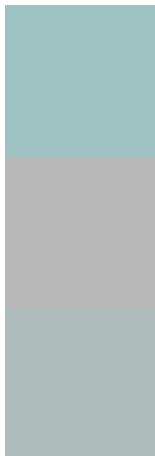
Deuteranomaly

48.0981, 50.0110, 59.9414

Tritanomaly

44.7692, 50.4724, 63.8825

Monochromacy



Original Color

43.6635, 50.3413, 59.0453

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7395, 48.7112, 54.6211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6635, 50.3413, 59.0453 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(159, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(159, 195, 195)  
}
```

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(159, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 43.6635, 50.3413, 59.0453 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(159, 195, 195) }
```


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

```
.border{ border-color:rgb(159, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(159, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6635, 50.3413, 59.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 195, 195) }
```

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

```
.background{ background-color: rgb(159,  
195, 195) }
```

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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