

Converting Colors

XYZ(43.7252, 51.1526, 61.7421)

Have a look what the booklet for
XYZ(43.7252, 51.1526, 61.7421)
contains.

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Color

**XYZ(43.6015, 50.9261,
61.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC5C7
RGB	154, 197, 199
RGB Percent	60%, 77%, 78%
CMY	0.3961, 0.2274, 0.2196
CMYK	0.23, 0.01, 0.00, 0.22
HSL	183°, 29%, 69%
HSV	183°, 23%, 78%
XYZ	43.6015, 50.9261, 61.5645
YIQ	184.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

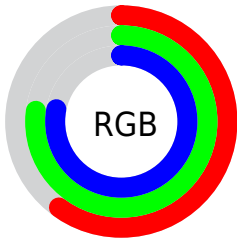
Format	Color
RYB	154, 176, 199
Decimal	10143175
CIELab	76.63, -13.67, -5.67
CIELCh	77, 14.796, 202.522
Yxy	50.9261, 0.2793, 0.3263
Android (android.graphics.Color)	4288333255 (0xFF9AC5C7)
YUV	184.3710, 7.2121, -26.6354
Hunter-Lab	71.3625, -15.8234, -1.1958

Details

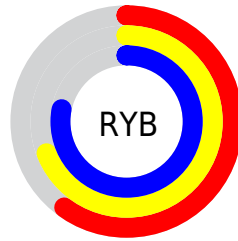
The XYZ color **43.6015, 50.9261, 61.5645** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2749, 38.2523, 35.7808**, and the grayscale version is **45.7381, 48.1200, 52.4027**.

A 20% lighter version of the original color is **79.7863, 91.6589, 108.0945**, and **20.4128, 24.5140, 30.4439** is the 20% darker color. If you saturate the color by 10%, you get **39.9239, 48.7347, 61.3362**, and if you desaturate by 10%, it is **47.9111, 53.4477, 61.8249**.

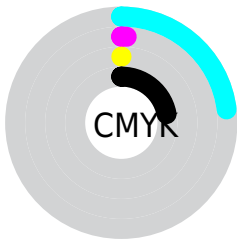
Distribution



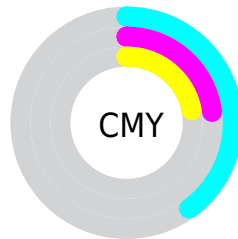
- Red (60%)
- Green (77%)
- Blue (78%)



- Red (60%)
- Yellow (69%)
- Blue (78%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6015, 50.9261, 61.5645 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 43.6015, 50.9261, 61.5645 by changing the saturation by 10% instead.

■ 43.6015, 50.9261,
61.5645

■ 43.6015, 50.9261,
61.5645

351.9594,
390.2766, 448.3045

■ 30.5539, 36.1498,
44.2474

■ 79.8678, 91.5455,
108.6613

■ 20.4096, 24.5499,
30.5264

■ 103.8173,
118.1574, 139.2782

■ 12.8031, 15.7420,
19.9831

132.1314,
149.4834, 175.1653

■ 7.3692, 9.3418,
12.1988

165.1755,
185.9076, 216.7413

■ 3.7424, 4.9648,
6.7550

203.3150,
227.8147, 264.4246

■ 1.5575, 2.2266,
3.2333

246.9153,

■ 0.3644, 0.7344,

275.5890, 318.6339

1.2149

296.3416,
329.6148, 379.7877

■ 0.0000, 0.0000,
0.0000

■ 43.6015, 50.9261,
61.5645

■ 43.6015, 50.9261,
61.5645

■ 39.9239, 48.7347,
61.3362

■ 47.9111, 53.4477,
61.8249

■ 36.8431, 46.8513,
61.1350

■ 52.8771, 56.3082,
62.1153

■ 34.3268, 45.2607,
60.9606

■ 58.5280, 59.5234,
62.4381

■ 32.3383, 43.9439,
60.8113

■ 64.8893, 63.1067,
62.7944

■ 30.8363, 42.8797,
60.6850

■ 71.9851, 67.0703,
63.1855

■ 29.7734, 42.0436,
60.5797

■ 72.7408, 67.7673,
63.2802

■ 29.0929, 41.4063,
60.4925

■ 72.9491, 68.1838,
63.3496

■ 28.7590, 41.0236,
60.4362

■ 73.1585, 68.6027,
63.4194

■ 73.3692, 69.0240,
63.4896

Harmonies

Analogous

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



43.2623, 50.9261, 53.4684



43.6015, 50.9261, 61.5645



45.2030, 50.9261, 68.6003

Triad

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



43.6015, 50.9261, 61.5645



52.8007, 50.9261, 65.3648



49.1074, 50.9261, 41.5311

Complementary

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



43.6015, 50.9261, 61.5645



41.2749, 38.2523, 35.7808

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.



51.7521, 50.9261, 44.0975



43.6015, 50.9261, 61.5645



53.9372, 50.9261, 57.4797

Square

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



43.6015, 50.9261, 61.5645



50.4942, 50.9261, 70.9376



53.5462, 50.9261, 49.7541



46.3718, 50.9261, 42.3983

Rectangle

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



43.6015, 50.9261, 61.5645



46.8056, 50.9261, 71.4857



53.5462, 50.9261, 49.7541



50.0378, 50.9261, 42.0116

Sweetspot

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



43.6030, 50.9282, 61.5657



88.5329, 96.2659, 108.5227



39.7093, 50.1012, 38.8095



18.8354, 20.5391, 23.2217



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.



43.6030, 50.9282, 61.5657



73.1290, 87.2636, 107.5970



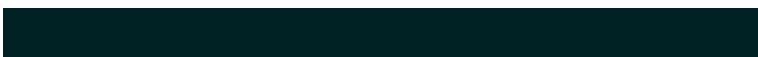
38.9661, 41.6545, 60.0200



10.9048, 11.9837, 13.6558



18.5099, 26.4138, 38.8672



0.8892, 1.2762, 1.8446

Inverse Universe

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



45.1880, 39.2856, 58.0270



76.3923, 63.4658, 100.2728



45.3072, 46.3170, 37.1250



11.0620, 10.8082, 13.3097



21.1423, 10.2065, 32.2888



1.0075, 0.4859, 1.5628

Previews

White Background



This preview shows how the XYZ color 43.6015, 50.9261, 61.5645 looks on a white background.

Color Contrast Check

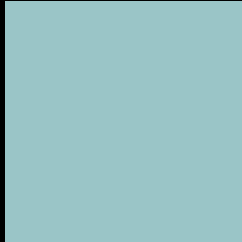
Large Text (above 18pt) WCAG AA × Fail

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 43.6015, 50.9261, 61.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

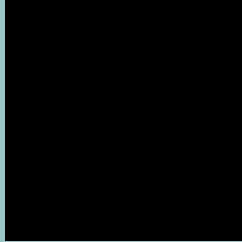
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

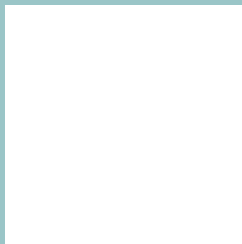
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6015, 50.9261, 61.5645

Background



This preview shows how black text looks on a background with the XYZ color 43.6015, 50.9261, 61.5645.



This preview shows how white text looks on a background with the XYZ color 43.6015, 50.9261,

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

43.6015, 50.9261, 61.5645

Protanopia

48.8441, 50.7638, 57.6761

Deuteranopia

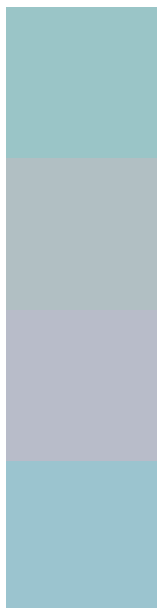
51.6816, 50.5487, 62.9101



Tritanopia

44.9833, 50.8013, 69.0628

Trichromacy



Original Color

43.6015, 50.9261, 61.5645

Protanomaly

46.6126, 50.5488, 58.9299

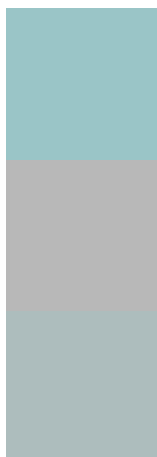
Deuteranomaly

48.2930, 50.3738, 62.4361

Tritanomaly

44.5200, 50.9534, 66.5200

Monochromacy



Original Color

43.6015, 50.9261, 61.5645

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.6165, 48.9536, 55.2416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6015, 50.9261, 61.5645 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(154, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 197, 199)  
}
```

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(154, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 197, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.6015, 50.9261, 61.5645 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(154, 197, 199) }
```


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

```
.border{ border-color:rgb(154, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 197, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 197, 199); box-shadow:4px 4px 4px 4px rgb(154, 197, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6015, 50.9261, 61.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 197, 199) }
```

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

```
.background{ background-color: rgb(154,  
197, 199) }
```

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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