

Converting Colors

XYZ(46.2505, 54.5098, 67.2411)

Have a look what the booklet for
XYZ(46.2505, 54.5098, 67.2411)
contains.

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Color

**XYZ(46.3729, 54.6593,
67.1377)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9BCCCCF |
| RGB | 155, 204, 207 |
| RGB Percent | 61%, 80%, 81% |
| CMY | 0.3921, 0.2000, 0.1882 |
| CMYK | 0.25, 0.01, 0.00, 0.19 |
| HSL | 183°, 35%, 71% |
| HSV | 183°, 25%, 81% |
| XYZ | 46.3729, 54.6593, 67.1377 |
| YIQ | 189.6910, -30.1670, -9.4550 |

Conversions

Conversions Part 2

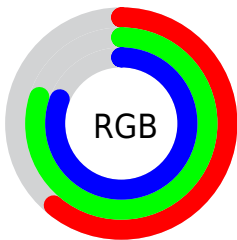
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 155, 180, 207 |
| Decimal | 10210511 |
| CIELab | 78.84, -15.19, -6.70 |
| CIELCh | 79, 16.605, 203.809 |
| Yxy | 54.6593, 0.2758, 0.3250 |
| Android (android.graphics.Color) | 4288400591 (0xFF9BCCCF) |
| YUV | 189.6910, 8.5333, -30.4240 |
| Hunter-Lab | 73.9319, -17.4189, -2.0890 |

Details

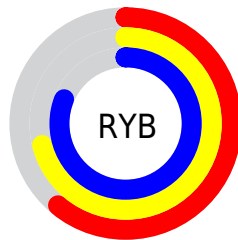
The XYZ color **46.3729, 54.6593, 67.1377** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8759, 40.0859, 36.4362**, and the grayscale version is **48.7320, 51.2699, 55.8329**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **22.1356, 26.9374, 34.1698** is the 20% darker color. If you saturate the color by 10%, you get **42.4537, 52.2208, 66.8745**, and if you desaturate by 10%, it is **50.9785, 57.4576, 67.4360**.

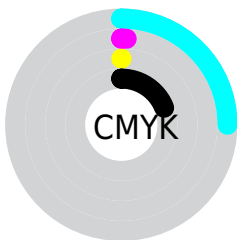
Distribution



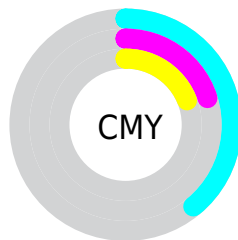
- Red (61%)
- Green (80%)
- Blue (81%)



- Red (61%)
- Yellow (71%)
- Blue (81%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)





- Cyan (39%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3729, 54.6593, 67.1377 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 46.3729, 54.6593, 67.1377 by changing the saturation by 10% instead.


 46.3729, 54.6593,
67.1377

 46.3729, 54.6593,
67.1377


362.9967,
404.6192, 468.9496

 32.7460, 39.1290,
48.7342


 84.0013, 97.0416,
116.7602

 22.0903, 26.8601,
34.0446


 108.7335,
124.6624, 148.8164

 14.0402, 17.4682,
22.6502


137.8982,
157.0822, 186.2605

 8.2305, 10.5689,
14.1326

171.8607,
194.6853, 229.5111

 4.2959, 5.7777,
8.0731

210.9865,
237.8561, 278.9868

 1.8708, 2.7104,
4.0533

255.6409,

 0.5598, 0.9825,

286.9791, 335.1061

1.6547

306.1891,
342.4387, 398.2875

■ 0.0000, 0.0000,
0.3294

■ 0.0000, 0.0000,
0.0000

■ 46.3729, 54.6593,
67.1377

■ 46.3729, 54.6593,
67.1377

■ 42.4537, 52.2208,
66.8745

■ 50.9785, 57.4576,
67.4360

■ 39.1813, 50.1177,
66.6410

■ 56.2979, 60.6258,
67.7671

■ 36.5196, 48.3325,
66.4367

■ 62.3630, 64.1816,
68.1338

■ 34.4269, 46.8439,
66.2597

■ 69.2022, 68.1397,
68.5373

■ 32.8561, 45.6275,
66.1077

■ 75.5419, 71.8435,
68.9181

■ 31.7528, 44.6553,
65.9782

■ 75.8375, 72.4348,
69.0167

■ 31.0505, 43.8931,
65.8681

■ 76.1354, 73.0305,
69.1159

■ 30.7933, 43.5663,
65.8186

■ 76.4355, 73.6306,
69.2160

■ 76.7377, 74.2352,
69.3167

Harmonies

Analogous

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



45.9092, 54.6593, 57.5809



46.3729, 54.6593, 67.1377



48.3030, 54.6593, 75.3784

Triad

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



46.3729, 54.6593, 67.1377



57.2303, 54.6593, 70.8746



52.6377, 54.6593, 43.2489

Complementary

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



46.3729, 54.6593, 67.1377



43.8759, 40.0859, 36.4362

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.



55.7804, 54.6593, 46.0492



46.3729, 54.6593, 67.1377



58.5031, 54.6593, 61.4913

Square

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



46.3729, 54.6593, 67.1377



54.5497, 54.6593, 77.6903



57.9616, 54.6593, 52.4917



49.4382, 54.6593, 44.4210

Rectangle

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



46.3729, 54.6593, 67.1377



50.2068, 54.6593, 78.6785



57.9616, 54.6593, 52.4917



53.7372, 54.6593, 43.7465

Sweetspot

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



46.3745, 54.6615, 67.1389



87.5650, 95.5862, 108.4425



41.9686, 54.0501, 40.3893



18.4599, 20.2914, 23.1936



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.



46.3745, 54.6615, 67.1389



70.8944, 85.4829, 107.3711



40.7812, 43.4748, 65.2745



12.0976, 13.2854, 15.1704



19.4251, 27.4968, 41.4761



1.1043, 1.5738, 2.3251

Inverse Universe

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



48.3538, 41.0689, 62.5079



74.6081, 60.2394, 98.6236



48.7070, 49.7480, 38.0466



12.2802, 11.9968, 14.7511



22.4356, 10.8471, 33.5298



1.2636, 0.6102, 1.9230

Previews

White Background



This preview shows how the XYZ color 46.3729, 54.6593, 67.1377 looks on a white background.

Color Contrast Check

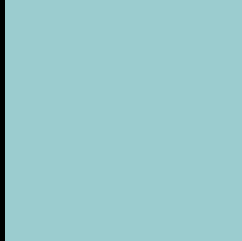
Large Text (above 18pt) WCAG AA × Fail

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 46.3729, 54.6593, 67.1377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

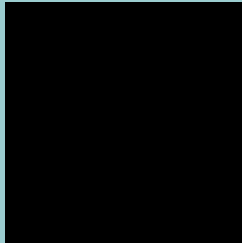
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

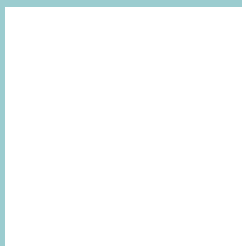
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.3729, 54.6593, 67.1377

Background



This preview shows how black text looks on a background with the XYZ color 46.3729, 54.6593, 67.1377.



This preview shows how white text looks on a background with the XYZ color 46.3729, 54.6593,

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

46.3729, 54.6593, 67.1377

Protanopia

52.3775, 54.0927, 62.9387

Deuteranopia

55.2841, 54.1701, 68.5149



Tritanopia

47.6800, 54.4711, 74.3306

Trichromacy



Original Color

46.3729, 54.6593, 67.1377

Protanomaly

49.8018, 54.0681, 64.3113

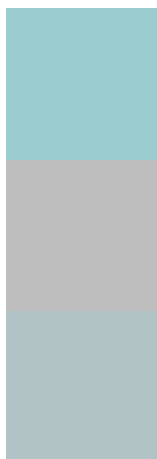
Deuteranomaly

51.2939, 53.7518, 67.9933

Tritanomaly

47.2038, 54.6348, 71.6760

Monochromacy



Original Color

46.3729, 54.6593, 67.1377

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.6104, 52.3628, 59.8223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3729, 54.6593, 67.1377 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, 204, 207)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 207)  
}
```

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, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 207) }
```

Border

The CSS property to change the border of an element to XYZ 46.3729, 54.6593, 67.1377 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, 204, 207) }
```


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

```
.border{ border-color:rgb(155, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(155, 204,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3729, 54.6593, 67.1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 204, 207) }
```

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

```
.background{ background-color: rgb(155,  
204, 207) }
```

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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