

Converting Colors

XYZ(47.1638, 54.5362, 66.5548)

Have a look what the booklet for
XYZ(47.1638, 54.5362, 66.5548)
contains.

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Color

**XYZ(46.9591, 54.2744,
66.3935)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A1CACE |
| RGB | 161, 202, 206 |
| RGB Percent | 63%, 79%, 81% |
| CMY | 0.3686, 0.2078, 0.1922 |
| CMYK | 0.22, 0.02, 0.00, 0.19 |
| HSL | 185°, 31%, 72% |
| HSV | 185°, 22%, 81% |
| XYZ | 46.9591, 54.2744, 66.3935 |
| YIQ | 190.1970, -25.7200, -7.4480 |

Conversions

Conversions Part 2

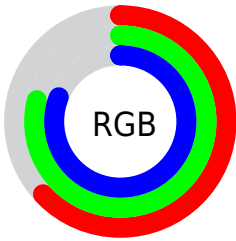
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 161, 182, 206 |
| Decimal | 10603214 |
| CIELab | 78.62, -12.58, -6.46 |
| CIELCh | 79, 14.139, 207.173 |
| Yxy | 54.2744, 0.2801, 0.3238 |
| Android (android.graphics.Color) | 4288793294 (0xFFA1CACE) |
| YUV | 190.1970, 7.7909, -25.6058 |
| Hunter-Lab | 73.6712, -15.1460, -1.8632 |

Details

The XYZ color **46.9591, 54.2744, 66.3935** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3423, 42.6055, 39.5533**, and the grayscale version is **49.0255, 51.5786, 56.1691**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **22.4417, 26.6350, 33.6640** is the 20% darker color. If you saturate the color by 10%, you get **42.7185, 51.4561, 66.0739**, and if you desaturate by 10%, it is **51.8919, 57.4599, 66.7493**.

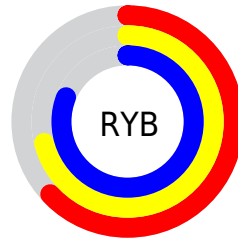
Distribution



Red (63%)

Green (79%)

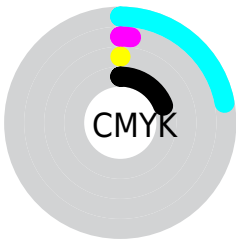
Blue (81%)



Red (63%)

Yellow (71%)

Blue (81%)

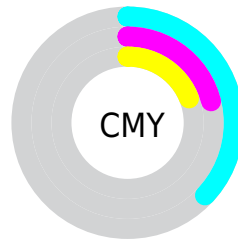


Cyan (22%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (37%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9591, 54.2744, 66.3935 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 46.9591, 54.2744, 66.3935 by changing the saturation by 10% instead.

■ 46.9591, 54.2744,
66.3935

■ 46.9591, 54.2744,
66.3935

365.3029,
403.1555, 466.2254

■ 33.2111, 38.8211,
48.1334

■ 84.8717, 96.4770,
115.6833

■ 22.4482, 26.6206,
33.5718

■ 109.7670,
123.9951, 147.5501

■ 14.3051, 17.2885,
22.2901

139.1088,
156.3036, 184.7896

■ 8.4163, 10.4404,
13.8699

173.2625,
193.7868, 227.8202

■ 4.4165, 5.6919,
7.8925

212.5934,
236.8293, 277.0606

■ 1.9403, 2.6587,
3.9395

257.4669,

■ 0.6001, 0.9562,

285.8153, 332.9292

1.5922

308.2482,
341.1292, 395.8446

■ 0.0000, 0.0000,
0.2852

■ 0.0000, 0.0000,
0.0000

■ 46.9591, 54.2744,
66.3935

■ 46.9591, 54.2744,
66.3935

■ 42.7185, 51.4561,
66.0739

■ 51.8919, 57.4599,
66.7493

■ 39.1319, 48.9810,
65.7852

■ 57.5433, 61.0221,
67.1390

■ 36.1646, 46.8326,
65.5269

■ 63.9441, 64.9783,
67.5652

■ 33.7767, 44.9905,
65.2972

■ 71.1221, 69.3427,
68.0293

■ 31.9236, 43.4315,
65.0940

■ 75.7132, 72.3812,
68.3738

■ 30.5544, 42.1294,
64.9148

■ 76.1709, 73.2965,
68.5264

■ 29.6079, 41.0527,
64.7568

■ 76.6337, 74.2223,
68.6807

■ 29.0604, 40.2956,
64.6396

■ 77.1018, 75.1584,
68.8367

■ 77.5751, 76.1050,
68.9945

Harmonies

Analogous

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



46.4112, 54.2744, 58.3409



46.9591, 54.2744, 66.3935



48.7322, 54.2744, 72.9696

Triad

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



46.9591, 54.2744, 66.3935



56.2269, 54.2744, 67.8224



51.8513, 54.2744, 45.0398

Complementary

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



46.9591, 54.2744, 66.3935



45.3423, 42.6055, 39.5533

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.



54.5495, 54.2744, 47.1021



46.9591, 54.2744, 66.3935



57.1322, 54.2744, 59.8568

Square

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



46.9591, 54.2744, 66.3935



54.0752, 54.2744, 73.8454



56.5077, 54.2744, 52.3531



49.1748, 54.2744, 46.4535

Rectangle

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



46.9591, 54.2744, 66.3935



50.4042, 54.2744, 75.3783



56.5077, 54.2744, 52.3531



52.7865, 54.2744, 45.3448

Sweetspot

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



46.9607, 54.2766, 66.3947



88.2814, 95.7628, 108.4389



43.5391, 54.4282, 43.6902



18.7770, 20.4222, 23.2022



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.



46.9607, 54.2766, 66.3947



72.8718, 85.8202, 107.3319



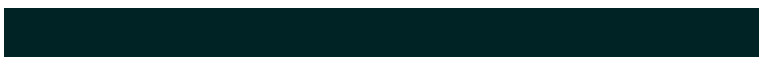
42.1104, 44.5761, 64.7780



11.4548, 12.5499, 14.3890



17.9309, 24.8857, 39.8146



0.9506, 1.3349, 2.0625

Inverse Universe

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



48.8604, 42.8771, 61.5805



76.4893, 64.3727, 98.1067



49.7110, 51.3429, 41.0095



11.6429, 11.3859, 13.9201



21.2616, 10.3152, 30.1598



1.1098, 0.5373, 1.6239

Previews

White Background



This preview shows how the XYZ color 46.9591, 54.2744, 66.3935 looks on a white background.

Color Contrast Check

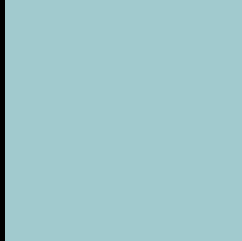
Large Text (above 18pt) WCAG AA × Fail

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 46.9591, 54.2744, 66.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

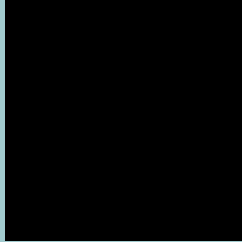
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9591, 54.2744, 66.3935

Background



This preview shows how black text looks on a background with the XYZ color 46.9591, 54.2744, 66.3935.



This preview shows how white text looks on a background with the XYZ color 46.9591, 54.2744,

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

46.9591, 54.2744, 66.3935

Protanopia

52.3775, 54.0927, 62.9387

Deuteranopia

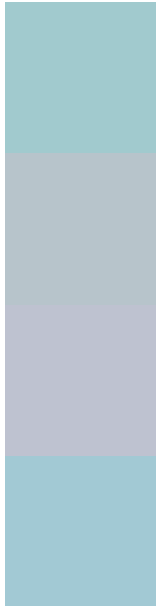
55.1598, 54.1205, 67.8607



Tritanopia

48.1532, 54.0530, 72.8611

Trichromacy



Original Color

46.9591, 54.2744, 66.3935

Protanomaly

50.0479, 53.8589, 64.2579

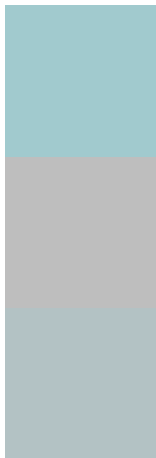
Deuteranomaly

51.9122, 54.0848, 67.3779

Tritanomaly

47.6706, 54.2081, 70.2381

Monochromacy



Original Color

46.9591, 54.2744, 66.3935

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.8460, 52.1528, 59.7693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9591, 54.2744, 66.3935 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(161, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(161, 202, 206)  
}
```

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(161, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 202, 206) }
```

Border

The CSS property to change the border of an element to XYZ 46.9591, 54.2744, 66.3935 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(161, 202, 206) }
```


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

```
.border{ border-color:rgb(161, 202, 206) }
```

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

Here you see how a box with a 4 pixel rgb(161, 202, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(161, 202,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9591, 54.2744, 66.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 202, 206) }
```

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

```
.background{ background-color: rgb(161,  
202, 206) }
```

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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