

Converting Colors

XYZ(46.5887, 54.0121, 69.5979)

Have a look what the booklet for
XYZ(46.5887, 54.0121, 69.5979)
contains.

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Color

**XYZ(46.5887, 54.0121,
69.5979)**

Conversions

Conversions Part 1

Format	Color
Hex	9CCAD3
RGB	156, 202, 211
RGB Percent	61%, 79%, 83%
CMY	0.3882, 0.2078, 0.1725
CMYK	0.26, 0.04, 0.00, 0.17
HSL	190°, 38%, 72%
HSV	190°, 26%, 83%
XYZ	46.5887, 54.0121, 69.5979
YIQ	189.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

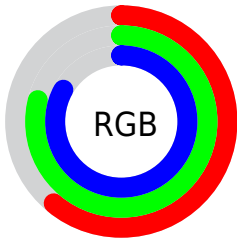
Format	Color
R_{YB}	156, 181, 211
Decimal	10275539
CIE _{Lab}	78.47, -12.96, -9.41
CIE _{LCh}	78, 16.015, 215.966
Yxy	54.0121, 0.2737, 0.3173
Android (android.graphics.Color)	4288465619 (0xFF9CCAD3)
YUV	189.2720, 10.7119, -29.1795
Hunter-Lab	73.4929, -15.4577, -4.7027

Details

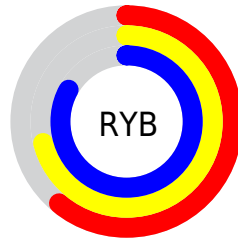
The XYZ color **46.5887, 54.0121, 69.5979** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3205, 43.1598, 37.3430**, and the grayscale version is **48.4797, 51.0045, 55.5439**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **22.2692, 26.4977, 35.8391** is the 20% darker color. If you saturate the color by 10%, you get **42.0545, 50.4870, 69.1574**, and if you desaturate by 10%, it is **51.8534, 57.9434, 70.0801**.

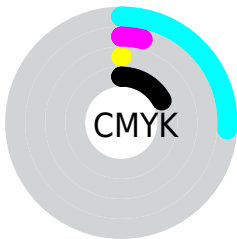
Distribution



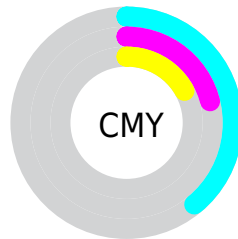
- Red (61%)
- Green (79%)
- Blue (83%)



- Red (61%)
- Yellow (71%)
- Blue (83%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)





- Cyan (39%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5887, 54.0121, 69.5979 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 46.5887, 54.0121, 69.5979 by changing the saturation by 10% instead.


 46.5887, 54.0121,
69.5979


 46.5887, 54.0121,
69.5979


363.8468,
402.1562, 477.8878

 32.9172, 38.6113,
50.7240


 84.3218, 96.0920,
120.3109

 22.2220, 26.4575,
35.6138


 109.1142,
123.5399, 152.9871

 14.1376, 17.1662,
23.8488

138.3442,
155.7724, 191.1011

 8.2988, 10.3531,
15.0103

172.3773,
193.1738, 235.0715

 4.3401, 5.6337,
8.6799

211.5787,
236.1284, 285.3168

 1.8963, 2.6236,
4.4390

256.3138,

 0.5747, 0.9386,

285.0208, 342.2557

1.8692

306.9481,
340.2352, 406.3065

■ 0.0000, 0.0000,
0.4730

■ 0.0000, 0.0000,
0.0000

■ 46.5887, 54.0121,
69.5979

■ 46.5887, 54.0121,
69.5979

■ 42.0545, 50.4870,
69.1574

■ 51.8534, 57.9434,
70.0801

■ 38.2093, 47.3425,
68.7531

■ 57.8781, 62.2922,
70.6020

■ 35.0147, 44.5598,
68.3843

■ 64.6962, 67.0772,
71.1663

■ 32.4262, 42.1161,
68.0491

■ 72.3378, 72.3143,
71.7743

■ 30.3939, 39.9853,
67.7449

■ 78.3983, 76.7637,
72.3137

■ 28.8596, 38.1372,
67.4691

■ 79.3097, 78.5864,
72.6175

■ 27.7507, 36.5342,
67.2181

■ 80.2398, 80.4468,
72.9276

■ 27.3782, 35.9435,
67.1237

■ 81.1889, 82.3449,
73.2439

■ 82.1570, 84.2811,
73.5666

Harmonies

Analogous

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



45.5450, 54.0121, 60.6314



46.5887, 54.0121, 69.5979



48.9091, 54.0121, 76.1190

Triad

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



46.5887, 54.0121, 69.5979



57.0701, 54.0121, 66.1622



50.7099, 54.0121, 43.1886

Complementary

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



46.5887, 54.0121, 69.5979



46.3205, 43.1598, 37.3430

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.



53.8437, 54.0121, 44.3466



46.5887, 54.0121, 69.5979



57.6001, 54.0121, 57.0254

Square

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



46.5887, 54.0121, 69.5979



54.9771, 54.0121, 73.9977



56.3972, 54.0121, 49.1988



47.8610, 54.0121, 45.8571

Rectangle

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



46.5887, 54.0121, 69.5979



50.9119, 54.0121, 77.8674



56.3972, 54.0121, 49.1988



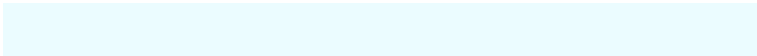
51.7642, 54.0121, 43.1471

Sweetspot

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



46.5903, 54.0143, 69.5991



86.8836, 94.2233, 108.2154



43.7291, 56.3469, 43.8129



18.2870, 19.9456, 23.1360



0.0000, 0.0000, 0.0000



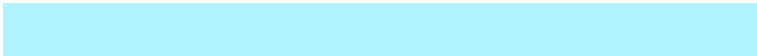
20.3446, 21.4041, 23.3091

Same Dimension

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



46.5903, 54.0143, 69.5991



67.7155, 79.9889, 106.4782



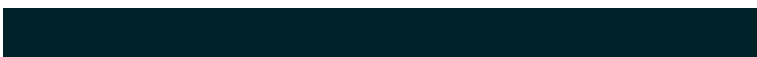
40.8480, 42.5296, 67.6850



11.9869, 13.0640, 15.1335



16.5864, 21.8195, 40.5299



0.9724, 1.3099, 2.2812

Inverse Universe

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



49.4144, 41.8914, 61.3609



72.7927, 58.7059, 91.5526



51.6605, 53.8399, 39.1230



12.2243, 11.9744, 14.4568



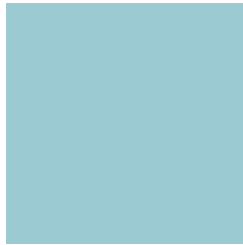
21.0028, 10.2740, 25.9846



1.1970, 0.5835, 1.5724

Previews

White Background



This preview shows how the XYZ color 46.5887, 54.0121, 69.5979 looks on a white background.

Color Contrast Check

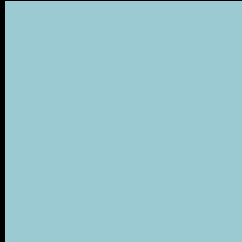
Large Text (above 18pt) WCAG AA × Fail

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 46.5887, 54.0121, 69.5979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

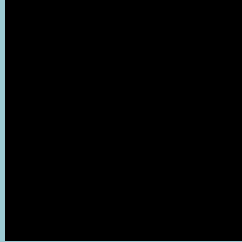
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5887, 54.0121, 69.5979

Background



This preview shows how black text looks on a background with the XYZ color 46.5887, 54.0121, 69.5979.



This preview shows how white text looks on a background with the XYZ color 46.5887, 54.0121,

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

46.5887, 54.0121, 69.5979

Protanopia

52.1172, 53.5764, 65.3520

Deuteranopia

54.7494, 53.5180, 71.0627



Tritanopia

47.3157, 53.9511, 73.5655

Trichromacy



Original Color

46.5887, 54.0121, 69.5979

Protanomaly

49.8248, 53.6881, 66.7683

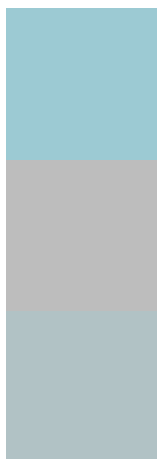
Deuteranomaly

51.3299, 53.3831, 70.5494

Tritanomaly

47.0570, 53.8477, 72.2035

Monochromacy



Original Color

46.5887, 54.0121, 69.5979

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.5013, 51.9619, 60.3494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5887, 54.0121, 69.5979 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(156, 202, 211)` looks like.

```
.text, #text, p{  
    color:rgb(156, 202, 211)  
}
```

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(156, 202, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 202, 211) }
```

Border

The CSS property to change the border of an element to XYZ 46.5887, 54.0121, 69.5979 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(156, 202, 211) }
```


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

```
.border{ border-color:rgb(156, 202, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 202, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 202, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 202, 211);  
box-shadow:4px 4px 4px 4px rgb(156, 202,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5887, 54.0121, 69.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 202, 211) }
```

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

```
.background{ background-color: rgb(156,  
202, 211) }
```

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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