

Converting Colors

XYZ(54.3942, 63.5608, 78.4035)

Have a look what the booklet for
XYZ(54.3942, 63.5608, 78.4035)
contains.

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Color

**XYZ(54.6184, 63.8518,
78.5532)**

Conversions

Conversions Part 1

Format	Color
Hex	A9DADE
RGB	169, 218, 222
RGB Percent	66%, 85%, 87%
CMY	0.3372, 0.1451, 0.1294
CMYK	0.24, 0.02, 0.00, 0.13
HSL	185°, 45%, 77%
HSV	185°, 24%, 87%
XYZ	54.6184, 63.8518, 78.5532
YIQ	203.8050, -30.4880, -9.1440

Conversions

Conversions Part 2

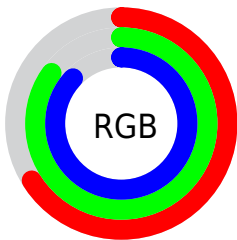
Format	Color
RYB	169, 194, 222
Decimal	11131614
CIELab	83.89, -14.86, -7.15
CIElCh	84, 16.496, 205.704
Yxy	63.8518, 0.2772, 0.3241
Android (android.graphics.Color)	4289321694 (0xFFA9DADE)
YUV	203.8050, 8.9701, -30.5240
Hunter-Lab	79.9073, -17.8292, -2.3501

Details

The XYZ color **54.6184, 63.8518, 78.5532** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2298, 48.2815, 44.1037**, and the grayscale version is **57.2319, 60.2124, 65.5713**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **27.1425, 32.6292, 41.4267** is the 20% darker color. If you saturate the color by 10%, you get **49.8227, 60.7398, 78.2063**, and if you desaturate by 10%, it is **60.2308, 67.3946, 78.9423**.

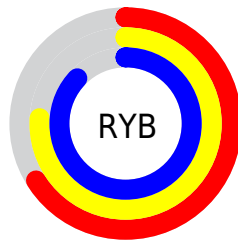
Distribution



Red (66%)

Green (85%)

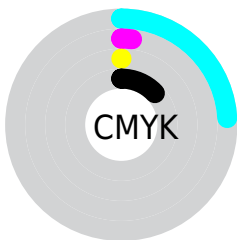
Blue (87%)



Red (66%)

Yellow (76%)

Blue (87%)

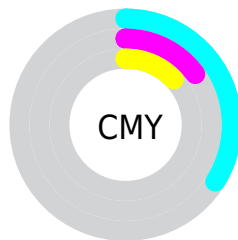


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6184, 63.8518, 78.5532 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 54.6184, 63.8518, 78.5532 by changing the saturation by 10% instead.


 54.6184, 63.8518,
78.5532


 54.6184, 63.8518,
78.5532


394.6238,
438.6543, 509.6211


 39.3289, 46.5307,
58.0094

 96.1332, 110.3975,
133.1226


 27.1976, 32.6648,
41.4014

 123.0893,
140.3908, 167.9853


 17.8590, 21.8698,
28.3108


 154.6649,
175.3770, 208.4580

 10.9479, 13.7612,
18.3190

 191.2254,
215.7404, 254.9593

 6.0988, 7.9548,
11.0075

 233.1362,
261.8654, 307.9078

 2.9465, 4.0660,
5.9576

 280.7626,

 1.1255, 1.7106,

314.1365, 367.7218

2.7510

334.4700,
372.9380, 434.8201

■ 0.0463, 0.4305,
0.9689

■ 0.0000, 0.0000,
0.0000

■ 54.6184, 63.8518,
78.5532

■ 54.6184, 63.8518,
78.5532

■ 49.8227, 60.7398,
78.2063

■ 60.2308, 67.3946,
78.9423

■ 45.7974, 58.0299,
77.8954

■ 66.6923, 71.3800,
79.3710

■ 42.4998, 55.7015,
77.6198

■ 74.0403, 75.8289,
79.8424

■ 39.8810, 53.7296,
77.3772

■ 81.2696, 80.2232,
80.3096

■ 37.8861, 52.0857,
77.1651

■ 81.7237, 81.1314,
80.4609

■ 36.4515, 50.7371,
76.9804

■ 82.1822, 82.0484,
80.6138

■ 35.4998, 49.6439,
76.8195

■ 82.6452, 82.9744,
80.7681

■ 35.0782, 49.0604,
76.7291

■ 83.1127, 83.9093,
80.9239

■ 83.5846, 84.8532,
81.0812

Harmonies

Analogous

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



53.9957, 63.8518, 68.0378



54.6184, 63.8518, 78.5532



56.8429, 63.8518, 87.3682

Triad

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



54.6184, 63.8518, 78.5532



66.6363, 63.8518, 81.3990



61.2133, 63.8518, 51.4446

Complementary

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



54.6184, 63.8518, 78.5532



52.2298, 48.2815, 44.1037

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.



64.7052, 63.8518, 54.2912



54.6184, 63.8518, 78.5532



67.9143, 63.8518, 71.0311

Square

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



54.6184, 63.8518, 78.5532



63.7652, 63.8518, 89.1226



67.1940, 63.8518, 61.2142



57.7138, 63.8518, 53.0320

Rectangle

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



54.6184, 63.8518, 78.5532



58.9829, 63.8518, 90.7349



67.1940, 63.8518, 61.2142



62.4281, 63.8518, 51.9062

Sweetspot

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



54.6203, 63.8544, 78.5547



88.3572, 95.9144, 108.4642



49.9823, 63.6778, 48.9567



18.7946, 20.4574, 23.2080



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.



54.6203, 63.8544, 78.5547



71.1243, 85.0628, 107.2779



48.3905, 51.3948, 76.4781



14.0235, 15.3861, 17.6184



20.8720, 29.2135, 45.5871



1.4735, 2.0784, 3.1688

Inverse Universe

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



56.9686, 48.9689, 72.7821



74.9390, 61.1941, 97.8306



57.7179, 59.2576, 45.9331



14.2481, 13.9169, 17.0765



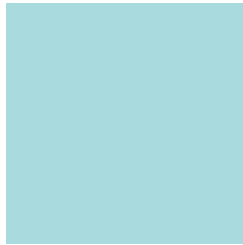
24.4754, 11.8572, 35.4989



1.7100, 0.8273, 2.5316

Previews

White Background



This preview shows how the XYZ color 54.6184, 63.8518, 78.5532 looks on a white background.

Color Contrast Check

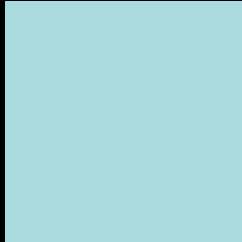
Large Text (above 18pt) WCAG AA × Fail

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 54.6184, 63.8518, 78.5532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

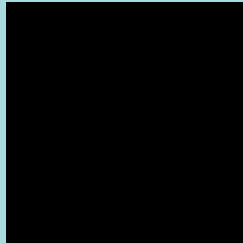
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6184, 63.8518, 78.5532

Background



This preview shows how black text looks on a background with the XYZ color 54.6184, 63.8518, 78.5532.



This preview shows how white text looks on a background with the XYZ color 54.6184, 63.8518,

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

54.6184, 63.8518, 78.5532

Protanopia

61.2858, 63.2852, 73.9509

Deuteranopia

64.7653, 63.5203, 80.0813



Tritanopia

56.2017, 63.7102, 87.1770

Trichromacy



Original Color

54.6184, 63.8518, 78.5532

Protanomaly

58.4548, 63.2526, 75.4577

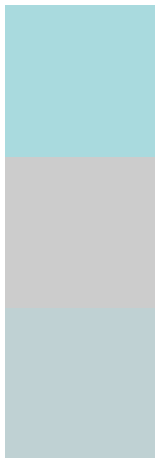
Deuteranomaly

60.3675, 63.0501, 79.5092

Tritanomaly

55.6733, 63.8849, 84.2596

Monochromacy



Original Color

54.6184, 63.8518, 78.5532

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.0442, 61.3804, 70.5218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6184, 63.8518, 78.5532 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(169, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(169, 218, 222)  
}
```

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(169, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 218, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.6184, 63.8518, 78.5532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

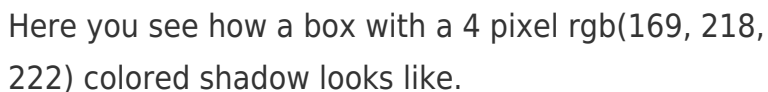
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 218, 222) }
```


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

```
.border{ border-color:rgb(169, 218, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 218, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 218, 222); box-shadow:4px 4px 4px 4px rgb(169, 218, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6184, 63.8518, 78.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 218, 222) }
```

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

```
.background{ background-color: rgb(169,  
218, 222) }
```

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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