

Converting Colors

XYZ(54.6611, 67.0741, 85.1298)

Have a look what the booklet for
XYZ(54.6611, 67.0741, 85.1298)
contains.

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Color

**XYZ(54.4282, 66.7813,
84.8843)**

Conversions

Conversions Part 1

Format	Color
Hex	98E2E6
RGB	152, 226, 230
RGB Percent	60%, 89%, 90%
CMY	0.4039, 0.1137, 0.0980
CMYK	0.34, 0.02, 0.00, 0.10
HSL	183°, 61%, 75%
HSV	183°, 34%, 90%
XYZ	54.4282, 66.7813, 84.8843
YIQ	204.3300, -45.3880, -14.4440

Conversions

Conversions Part 2

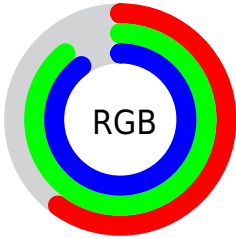
Format	Color
RYB	152, 190, 230
Decimal	10019558
CIELab	85.39, -21.83, -9.25
CIElCh	85, 23.714, 202.972
Yxy	66.7813, 0.2641, 0.3240
Android (android.graphics.Color)	4288209638 (0xFF98E2E6)
YUV	204.3300, 12.6553, -45.8934
Hunter-Lab	81.7198, -24.1226, -4.3820

Details

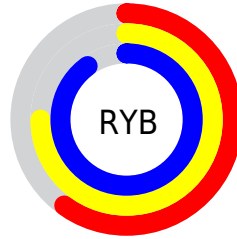
The XYZ color **54.4282, 66.7813, 84.8843** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1900, 42.8676, 35.3363**, and the grayscale version is **57.5479, 60.5448, 65.9333**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **27.0424, 34.3860, 45.7693** is the 20% darker color. If you saturate the color by 10%, you get **50.2149, 64.1367, 84.5970**, and if you desaturate by 10%, it is **59.4823, 69.8659, 85.2144**.

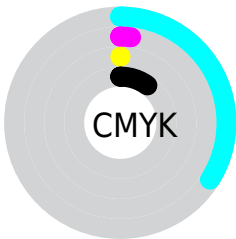
Distribution



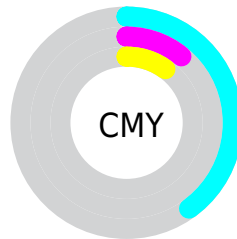
- Red (60%)
- Green (89%)
- Blue (90%)



- Red (60%)
- Yellow (75%)
- Blue (90%)



- Cyan (34%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)




- Cyan (40%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4282, 66.7813, 84.8843 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 54.4282, 66.7813, 84.8843 by changing the saturation by 10% instead.


 54.4282, 66.7813,
84.8843


 54.4282, 66.7813,
84.8843


393.9125,
449.1659, 531.3797

 39.1761, 48.9069,
63.1962


 95.8559, 114.6070,
142.0842

 27.0781, 34.5456,
45.5579

 122.7622,
145.3271, 178.4331

 17.7688, 23.3131,
31.5510


154.2840,
181.0978, 220.5061

 10.8828, 14.8249,
20.7568

190.7867,
222.3037, 268.7215

 6.0548, 8.6966,
12.7568

232.6355,
269.3291, 323.4981

 2.9194, 4.5438,
7.1326

280.1958,

 1.1113, 1.9822,

322.5583, 385.2543

3.4654

333.8330,
382.3758, 454.4087

■ 0.0345, 0.5971,
1.3369

■ 0.0000, 0.0000,
0.0918

■ 54.4282, 66.7813,
84.8843

■ 54.4282, 66.7813,
84.8843

■ 50.2149, 64.1367,
84.5970

■ 59.4823, 69.8659,
85.2144

■ 46.7882, 61.8992,
84.3458

■ 65.4159, 73.4055,
85.5849

■ 44.0964, 60.0438,
84.1295

■ 72.2722, 77.4242,
85.9992

■ 42.0796, 58.5397,
83.9455

■ 80.0902, 81.9418,
86.4592

■ 40.6684, 57.3509,
83.7904

■ 84.3510, 84.6290,
86.7533

■ 39.7779, 56.4340,
83.6604

■ 84.6838, 85.2945,
86.8642

■ 39.4101, 55.9671,
83.5896

■ 85.0187, 85.9644,
86.9759

■ 85.3559, 86.6389,
87.0883

■ 85.6954, 87.3177,
87.2014

Harmonies

Analogous

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



53.7614, 66.7813, 69.1528



54.4282, 66.7813, 84.8843



57.4527, 66.7813, 98.9874

Triad

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



54.4282, 66.7813, 84.8843



72.0847, 66.7813, 92.0282



64.7462, 66.7813, 47.1218

Complementary

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



54.4282, 66.7813, 84.8843



50.1900, 42.8676, 35.3363

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.



69.9012, 66.7813, 51.5561



54.4282, 66.7813, 84.8843



74.2902, 66.7813, 76.3944

Square

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



54.4282, 66.7813, 84.8843



67.5921, 66.7813, 103.5014



73.4695, 66.7813, 61.7655



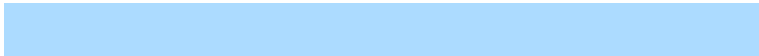
59.5260, 66.7813, 48.7306

Rectangle

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



54.4282, 66.7813, 84.8843



60.4958, 66.7813, 104.8351



73.4695, 66.7813, 61.7655



66.5476, 66.7813, 47.9313

Sweetspot

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



54.4302, 66.7840, 84.8858



85.8674, 94.6494, 108.3512



47.2394, 65.6672, 41.5949



18.1237, 20.1087, 23.1761



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.



54.4302, 66.7840, 84.8858



64.7851, 81.8956, 107.0006



45.0248, 47.9732, 81.7507



14.7409, 16.2031, 18.4949



22.3397, 31.7415, 47.3325



1.6704, 2.3847, 3.5042

Inverse Universe

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



57.5905, 44.7721, 77.5610



69.4175, 50.0963, 96.1591



57.7947, 58.0769, 37.8712



14.9615, 14.6018, 17.9978



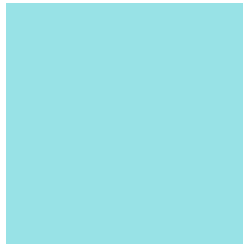
25.6696, 12.4020, 38.7504



1.9067, 0.9204, 2.9154

Previews

White Background



This preview shows how the XYZ color 54.4282, 66.7813, 84.8843 looks on a white background.

Color Contrast Check

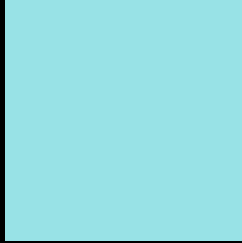
Large Text (above 18pt) WCAG AA × Fail

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 54.4282, 66.7813, 84.8843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

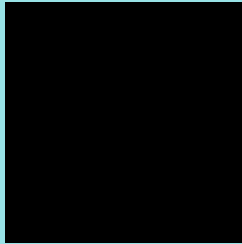
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4282, 66.7813, 84.8843

Background



This preview shows how black text looks on a background with the XYZ color 54.4282, 66.7813, 84.8843.



This preview shows how white text looks on a background with the XYZ color 54.4282, 66.7813, 84.8843.

84.8843.

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

54.4282, 66.7813, 84.8843

Protanopia

64.0770, 66.1051, 77.7890

Deuteranopia

67.5955, 66.2541, 87.0676



Tritanopia

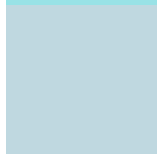
56.2002, 66.6907, 93.9149

Trichromacy



Original Color

54.4282, 66.7813, 84.8843



Protanomaly

59.4963, 65.5699, 80.0415



Deuteranomaly

61.7805, 65.8466, 86.5443



Tritanomaly

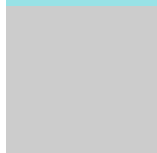
55.6843, 66.8935, 90.8658

Monochromacy



Original Color

54.4282, 66.7813, 84.8843



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.5613, 62.2054, 72.0292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4282, 66.7813, 84.8843 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(152, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(152, 226, 230)  
}
```

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(152, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.4282, 66.7813, 84.8843 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(152, 226, 230) }
```


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

```
.border{ border-color:rgb(152, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(152, 226,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4282, 66.7813, 84.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 230) }
```

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

```
.background{ background-color: rgb(152,  
226, 230) }
```

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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