

# Converting Colors

XYZ(54.4779, 62.1311, 83.9841)

Have a look what the booklet for  
XYZ(54.4779, 62.1311, 83.9841)  
contains.

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# Color

**XYZ(54.4779, 62.1311,  
83.9841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8D6E6
RGB	168, 214, 230
RGB Percent	66%, 84%, 90%
CMY	0.3412, 0.1608, 0.0980
CMYK	0.27, 0.07, 0.00, 0.10
HSL	195°, 55%, 78%
HSV	195°, 27%, 90%
XYZ	54.4779, 62.1311, 83.9841
YIQ	202.0700, -32.5520, -4.7760

# Conversions

## Conversions Part 2

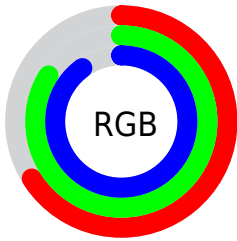
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 194, 230
Decimal	11065062
CIELab	82.98, -11.32, -12.76
CIElCh	83, 17.054, 228.424
Yxy	62.1311, 0.2716, 0.3097
Android (android.graphics.Color)	4289255142 (0xFFA8D6E6)
YUV	202.0700, 13.7695, -29.8794
Hunter-Lab	78.8233, -14.5723, -7.9956

# Details

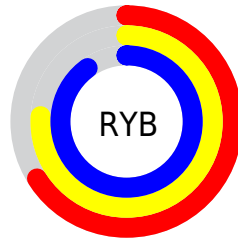
The XYZ color **54.4779, 62.1311, 83.9841** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.8422, 53.9315, 44.4611**, and the grayscale version is **56.1155, 59.0379, 64.2922**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.9775, 31.4297, 44.6891** is the 20% darker color. If you saturate the color by 10%, you get **48.5335, 56.8789, 83.2847**, and if you desaturate by 10%, it is **61.3468, 67.9442, 84.7452**.

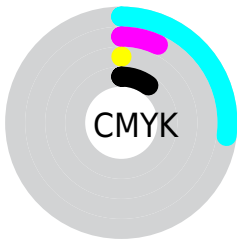
# Distribution



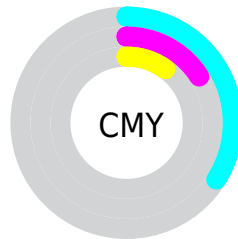
- Red (66%)
- Green (84%)
- Blue (90%)



- Red (66%)
- Yellow (76%)
- Blue (90%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (16%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4779, 62.1311, 83.9841 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 54.4779, 62.1311, 83.9841 by changing the saturation by 10% instead.





 54.4779, 62.1311,  
83.9841

 54.4779, 62.1311,  
83.9841


394.0985,  
432.4091, 528.3171

 39.2161, 45.1386,  
62.4570


 95.9284, 107.9150,  
140.8145

 27.1093, 31.5666,  
44.9639


 122.8477,  
137.4752, 176.9548

 17.7924, 21.0307,  
31.0862


154.3836,  
171.9935, 218.8033

 10.8998, 13.1465,  
20.4055

190.9013,  
211.8541, 266.7785

 6.0663, 7.5295,  
12.5032

232.7663,  
257.4417, 321.2989

 2.9265, 3.7954,  
6.9606

280.3440,

 1.1150, 1.5598,

309.1404, 382.7832

3.3594

333.9996,  
367.3348, 451.6497

■ 0.0376, 0.3302,  
1.2810

■ 0.0000, 0.0000,  
0.0461

■ 54.4779, 62.1311,  
83.9841

■ 54.4779, 62.1311,  
83.9841

■ 48.5335, 56.8789,  
83.2847

■ 61.3468, 67.9442,  
84.7452

■ 43.4617, 52.1554,  
82.6402

■ 69.1775, 74.3337,  
85.5657

■ 39.2141, 47.9363,  
82.0497

■ 78.0118, 81.3235,  
86.4493

■ 35.7348, 44.1919,  
81.5104

■ 86.0228, 87.9726,  
87.3104

■ 32.9607, 40.8888,  
81.0190

■ 87.7768, 91.4806,  
87.8951

■ 30.8180, 37.9880,  
80.5721

■ 89.5883, 95.1035,  
88.4989

■ 29.2113, 35.4395,  
80.1648

■ 91.2831, 98.4932,  
89.0639

■ 28.7809, 34.7089,  
80.0465

# Harmonies

## Analogous

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



52.5868, 62.1311, 74.2643



54.4779, 62.1311, 83.9841



57.6440, 62.1311, 89.5270

# Triad

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



54.4779, 62.1311, 83.9841



66.2664, 62.1311, 71.8022



56.8439, 62.1311, 50.1754

# Complementary

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



54.4779, 62.1311, 83.9841



56.8422, 53.9315, 44.4611

# 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.



60.4863, 62.1311, 49.6635



54.4779, 62.1311, 83.9841



66.0303, 62.1311, 61.4410

# Square

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



54.4779, 62.1311, 83.9841



64.5112, 62.1311, 82.0212



63.8789, 62.1311, 53.5846



53.9131, 62.1311, 55.0643



# Rectangle

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



54.4779, 62.1311, 83.9841



60.0972, 62.1311, 89.7608



63.8789, 62.1311, 53.5846



58.0224, 62.1311, 49.5060

# Sweetspot

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



54.4798, 62.1336, 83.9855



86.2827, 93.0216, 108.0151



53.0459, 68.3594, 55.4733



18.1349, 19.6413, 23.0853



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

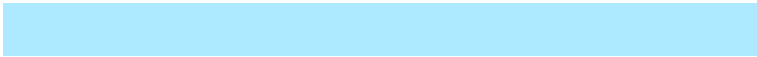


# Same Dimension

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



54.4798, 62.1336, 83.9855



64.7793, 74.9643, 105.6631



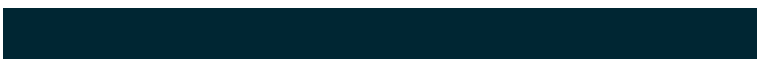
47.4695, 48.1130, 81.6488



14.4762, 15.6738, 18.4067



16.3976, 19.8572, 45.3518



1.2856, 1.6151, 3.3760



# Inverse Universe

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



58.7748, 49.6848, 70.1134



71.1038, 57.2381, 85.1010



63.8755, 67.9980, 46.8055



14.8279, 14.5484, 17.2944



22.6702, 11.2023, 22.9562

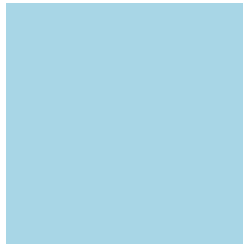


1.7125, 0.8427, 1.8927



# Previews

## White Background



This preview shows how the XYZ color 54.4779, 62.1311, 83.9841 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

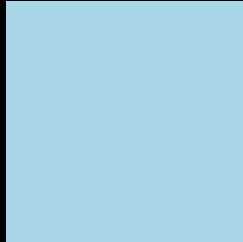
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.4779, 62.1311, 83.9841 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

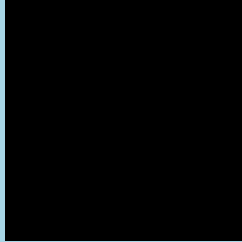
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.4779, 62.1311, 83.9841

## Background



This preview shows how black text looks on a background with the XYZ color 54.4779, 62.1311, 83.9841.



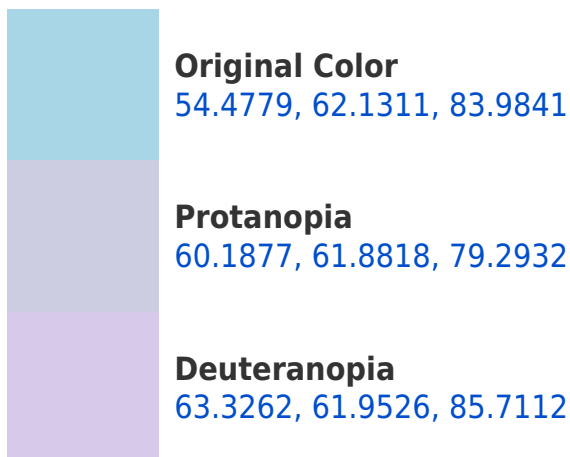
This preview shows how white text looks on a background with the XYZ color 54.4779, 62.1311,



# 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





## Tritanopia

54.6188, 62.1875, 84.7260

# Trichromacy



**Original Color**

54.4779, 62.1311, 83.9841

**Protanomaly**

57.7692, 61.6791, 80.8120

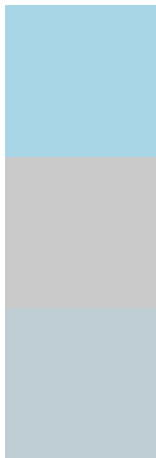
**Deuteranomaly**

59.6628, 61.8391, 85.1355

**Tritanomaly**

54.6188, 62.1875, 84.7260

# Monochromacy



**Original Color**

54.4779, 62.1311, 83.9841

**Achromatopsia**

56.1383, 59.0619, 64.3184

**Achromatomaly**

55.1902, 59.8432, 70.9294

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.4779, 62.1311, 83.9841 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(168, 214, 230)` looks like.

```
.text, #text, p{  
    color:rgb(168, 214, 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(168, 214, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 214, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 54.4779, 62.1311, 83.9841 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(168, 214, 230) }
```



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

```
.border{ border-color:rgb(168, 214, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 214, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 214, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 214, 230);  
box-shadow:4px 4px 4px 4px rgb(168, 214,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.4779, 62.1311, 83.9841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 214, 230) }
```

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

```
.background{ background-color: rgb(168,  
214, 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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