

Converting Colors

XYZ(54.4835, 60.9299, 83.3844)

Have a look what the booklet for
XYZ(54.4835, 60.9299, 83.3844)
contains.

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Color

**XYZ(54.5905, 61.0724,
83.7738)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD3E6
RGB	172, 211, 230
RGB Percent	67%, 83%, 90%
CMY	0.3255, 0.1725, 0.0980
CMYK	0.25, 0.08, 0.00, 0.10
HSL	200°, 54%, 79%
HSV	200°, 25%, 90%
XYZ	54.5905, 61.0724, 83.7738
YIQ	201.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

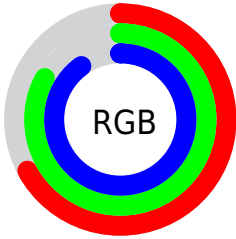
Format	Color
R_{YB}	172, 195, 230
Decimal	11326438
CIE _{Lab}	82.42, -8.59, -13.58
CIE _{LCh}	82, 16.070, 237.671
Yxy	61.0724, 0.2737, 0.3062
Android (android.graphics.Color)	4289516518 (0xFFACD3E6)
YUV	201.5050, 14.0480, -25.8759
Hunter-Lab	78.1488, -12.0701, -8.8534

Details

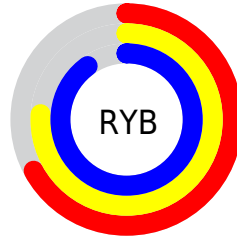
The XYZ color **54.5905, 61.0724, 83.7738** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7111, 57.0635, 46.9512**, and the grayscale version is **55.7608, 58.6647, 63.8859**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **26.9997, 30.6845, 44.5441** is the 20% darker color. If you saturate the color by 10%, you get **48.1453, 55.0376, 82.9497**, and if you desaturate by 10%, it is **62.0007, 67.7380, 84.6708**.

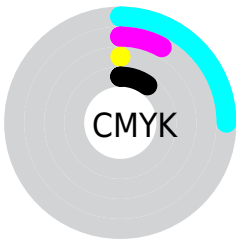
Distribution



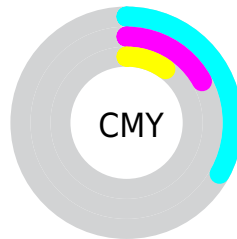
- Red (67%)
- Green (83%)
- Blue (90%)



- Red (67%)
- Yellow (76%)
- Blue (90%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5905, 61.0724, 83.7738 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 54.5905, 61.0724, 83.7738 by changing the saturation by 10% instead.

■ 54.5905, 61.0724,
83.7738

■ 54.5905, 61.0724,
83.7738

394.5195,
428.5394, 527.6002

■ 39.3065, 44.2836,
62.2844

■ 96.0925, 106.3838,
140.5176

■ 27.1800, 30.8935,
44.8253

123.0413,
135.6751, 176.6091

■ 17.8458, 20.5178,
30.9779

154.6090,
169.9028, 218.4050

■ 10.9383, 12.7720,
20.3237

191.1610,
209.4511, 266.3239

■ 6.0924, 7.2717,
12.4441

233.0628,
254.7046, 320.7844

■ 2.9425, 3.6326,
6.9207

280.6795,

■ 1.1234, 1.4702,

306.0475, 382.2049

3.3349

334.3766,
363.8643, 451.0040

■ 0.0446, 0.2676,
1.2681

■ 0.0000, 0.0000,
0.0354

■ 54.5905, 61.0724,
83.7738

■ 54.5905, 61.0724,
83.7738

■ 48.1453, 55.0376,
82.9497

■ 62.0007, 67.7380,
84.6708

■ 42.6134, 49.6005,
82.1918

■ 70.4133, 75.0507,
85.6390

■ 37.9465, 44.7360,
81.4988

■ 79.8704, 83.0356,
86.6817

■ 34.0890, 40.4136,
80.8678

■ 87.0195, 89.9659,
87.6426

■ 30.9787, 36.5994,
80.2955

■ 89.2976, 94.5222,
88.4020

■ 28.5432, 33.2541,
79.7782

■ 91.2831, 98.4932,
89.0639

■ 26.6939, 30.3300,
79.3112

■ 25.9488, 29.0447,
79.1024

Harmonies

Analogous

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



52.3988, 61.0724, 75.6629



54.5905, 61.0724, 83.7738



57.7798, 61.0724, 87.2179

Triad

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



54.5905, 61.0724, 83.7738



64.8917, 61.0724, 67.2683



55.0375, 61.0724, 51.1291

Complementary

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



54.5905, 61.0724, 83.7738



58.7111, 57.0635, 46.9512

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.



58.3160, 61.0724, 49.3498



54.5905, 61.0724, 83.7738



64.0882, 61.0724, 58.1038

Square

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



54.5905, 61.0724, 83.7738



63.8022, 61.0724, 77.1217



61.6474, 61.0724, 51.7763



52.6496, 61.0724, 56.8967

Rectangle

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



54.5905, 61.0724, 83.7738



60.0731, 61.0724, 86.1727



61.6474, 61.0724, 51.7763



56.0679, 61.0724, 50.0712

Sweetspot

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



54.5923, 61.0749, 83.7752



85.8443, 92.1447, 107.8690



54.6458, 69.0992, 59.3844



18.0240, 19.4197, 23.0484



0.0000, 0.0000, 0.0000



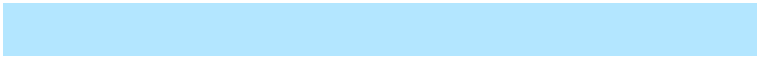
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5923, 61.0749, 83.7752



64.8059, 73.3060, 105.3416



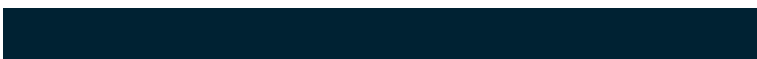
48.1555, 48.2013, 81.6296



14.3888, 15.4989, 18.3776



14.8066, 16.6754, 44.8214



1.1780, 1.4000, 3.3401

Inverse Universe

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



59.1450, 51.0328, 68.3638



71.5349, 59.0101, 82.4405



65.5080, 70.6573, 49.2168



14.7838, 14.5307, 17.0620



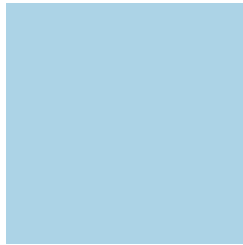
21.8672, 10.8811, 18.7275



1.6583, 0.8210, 1.6069

Previews

White Background



This preview shows how the XYZ color 54.5905, 61.0724, 83.7738 looks on a white background.

Color Contrast Check

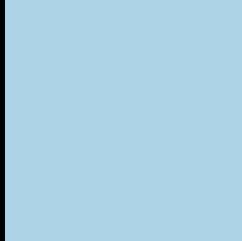
Large Text (above 18pt) WCAG AA × Fail

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 54.5905, 61.0724, 83.7738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

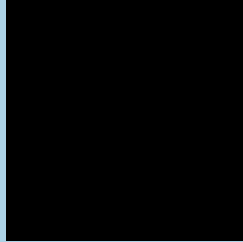
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5905, 61.0724, 83.7738

Background



This preview shows how black text looks on a background with the XYZ color 54.5905, 61.0724, 83.7738.



This preview shows how white text looks on a background with the XYZ color 54.5905, 61.0724,

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

54.5905, 61.0724, 83.7738

Protanopia

59.3037, 60.7047, 79.8257

Deuteranopia

61.8529, 60.5219, 84.7658



Tritanopia

54.3111, 60.9606, 82.3029

Trichromacy



Original Color

54.5905, 61.0724, 83.7738

Protanomaly

57.4223, 60.7650, 81.3754

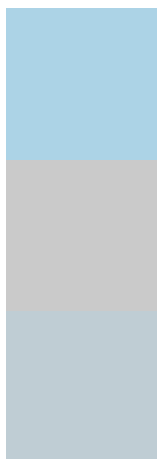
Deuteranomaly

58.8057, 60.3517, 84.1510

Tritanomaly

54.4504, 61.0163, 83.0362

Monochromacy



Original Color

54.5905, 61.0724, 83.7738

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2008, 59.4925, 70.8612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5905, 61.0724, 83.7738 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(172, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 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(172, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.5905, 61.0724, 83.7738 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(172, 211, 230) }
```


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

```
.border{ border-color:rgb(172, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5905, 61.0724, 83.7738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 230) }
```

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

```
.background{ background-color: rgb(172,  
211, 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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