

Converting Colors

XYZ(54.6003, 56.9436, 81.0763)

Have a look what the booklet for
XYZ(54.6003, 56.9436, 81.0763)
contains.

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Color

**XYZ(54.5383, 56.8320,
80.7682)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7E3
RGB	186, 199, 227
RGB Percent	73%, 78%, 89%
CMY	0.2706, 0.2196, 0.1098
CMYK	0.18, 0.12, 0.00, 0.11
HSL	221°, 42%, 81%
HSV	221°, 18%, 89%
XYZ	54.5383, 56.8320, 80.7682
YIQ	198.3050, -16.7360, 5.9520

Conversions

Conversions Part 2

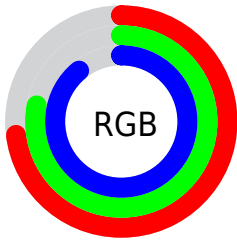
Format	Color
R_{YB}	186, 196, 227
Decimal	12240867
CIE _{Lab}	80.09, 1.33, -15.38
CIE _{LCh}	80, 15.440, 274.933
Yxy	56.8320, 0.2838, 0.2958
Android (android.graphics.Color)	4290430947 (0xFFBAC7E3)
YUV	198.3050, 14.1466, -10.7915
Hunter-Lab	75.3870, -2.7924, -10.7513

Details

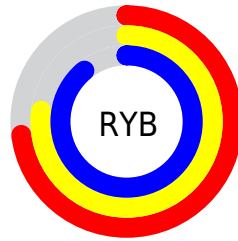
The XYZ color **54.5383, 56.8320, 80.7682** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.5886, 67.9693, 56.1711**, and the grayscale version is **53.7873, 56.5885, 61.6248**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.0875, 28.1349, 43.0326** is the 20% darker color. If you saturate the color by 10%, you get **46.0690, 47.4394, 79.4025**, and if you desaturate by 10%, it is **64.2505, 67.4076, 82.2985**.

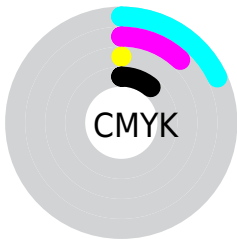
Distribution



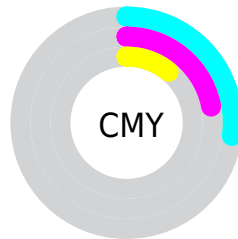
- Red (73%)
- Green (78%)
- Blue (89%)



- Red (73%)
- Yellow (77%)
- Blue (89%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5383, 56.8320, 80.7682 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 54.5383, 56.8320, 80.7682 by changing the saturation by 10% instead.

■ 54.5383, 56.8320,
80.7682

■ 54.5383, 56.8320,
80.7682

394.3243,
412.8195, 517.2928

■ 39.2646, 40.8704,
59.8208

■ 96.0164, 100.2200,
136.2664

■ 27.1473, 28.2178,
42.8499

122.9516,
128.4152, 171.6543

■ 17.8210, 18.4899,
29.4368

154.5045,
161.4570, 212.6927

■ 10.9205, 11.3023,
19.1631

191.0407,
199.7299, 259.8004

■ 6.0803, 6.2705,
11.6102

232.9254,
243.6181, 313.3956

■ 2.9351, 3.0103,
6.3595

280.5240,

■ 1.1195, 1.1371,

293.5062, 373.8971

2.9926

334.2018,
349.7786, 441.7233

■ 0.0414, 0.0094,
1.0909

■ 0.0000, 0.0000,
0.0000

■ 54.5383, 56.8320,
80.7682

■ 54.5383, 56.8320,
80.7682

■ 46.0690, 47.4394,
79.4025

■ 64.2505, 67.4076,
82.2985

■ 38.7852, 39.1798,
78.1922

■ 75.2493, 79.1997,
83.9949

■ 32.6328, 32.0100,
77.1325

■ 87.5825, 92.2493,
85.8637

■ 27.5511, 25.8808,
76.2173

■ 90.8653, 98.3261,
86.8636

■ 23.4733, 20.7391,
75.4398

■ 20.3245, 16.5264,
74.7926

■ 18.0180, 13.1765,
74.2676

■ 16.4360, 10.6057,
73.8548

■ 16.1818, 10.1792,
73.7858

Harmonies

Analogous

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



51.4978, 56.8320, 78.9129



54.5383, 56.8320, 80.7682



57.5509, 56.8320, 77.1761

Triad

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



54.5383, 56.8320, 80.7682



59.1228, 56.8320, 52.4924



48.7275, 56.8320, 54.8357

Complementary

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



54.5383, 56.8320, 80.7682



64.5886, 67.9693, 56.1711

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.



50.6311, 56.8320, 48.7522



54.5383, 56.8320, 80.7682



56.6173, 56.8320, 47.4940

Square

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



54.5383, 56.8320, 80.7682



60.2623, 56.8320, 60.4044



53.4993, 56.8320, 46.1938



48.2190, 56.8320, 63.3802

Rectangle

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



54.5383, 56.8320, 80.7682



59.1142, 56.8320, 72.3625



53.4993, 56.8320, 46.1938



49.2218, 56.8320, 52.4628

Sweetspot

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



54.5400, 56.8343, 80.7695



87.7989, 92.2316, 107.7827



59.7726, 70.1994, 73.5735



18.5819, 19.5147, 23.0373



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.



54.5400, 56.8343, 80.7695



66.3098, 68.8148, 104.3954



53.3752, 51.9809, 79.8941



13.9540, 14.6294, 18.2326



9.5299, 6.1220, 43.0625



0.7854, 0.6148, 3.2092

Inverse Universe

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



59.5477, 55.5737, 61.6237



74.1246, 67.0545, 74.4708



65.8987, 73.7260, 57.2132



14.5644, 14.4429, 15.9063



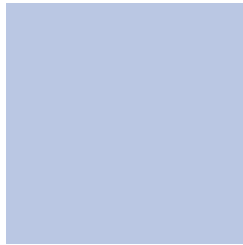
19.2038, 9.8157, 4.7021



1.4601, 0.7417, 0.5632

Previews

White Background



This preview shows how the XYZ color 54.5383, 56.8320, 80.7682 looks on a white background.

Color Contrast Check

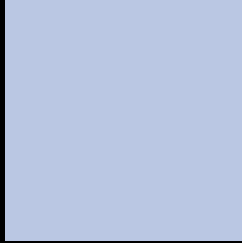
Large Text (above 18pt) WCAG AA × Fail

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 54.5383, 56.8320, 80.7682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

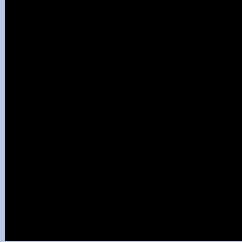
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5383, 56.8320, 80.7682

Background



This preview shows how black text looks on a background with the XYZ color 54.5383, 56.8320, 80.7682.



This preview shows how white text looks on a background with the XYZ color 54.5383, 56.8320,

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

54.5383, 56.8320, 80.7682

Protanopia

55.9419, 56.8928, 79.9845

Deuteranopia

57.7022, 56.4379, 81.2512



Tritanopia

53.1782, 56.9734, 73.8398

Trichromacy



Original Color

54.5383, 56.8320, 80.7682

Protanomaly

55.4074, 56.9555, 80.0247

Deuteranomaly

56.5447, 56.5020, 81.3245

Tritanomaly

53.7130, 56.8433, 76.5475

Monochromacy



Original Color

54.5383, 56.8320, 80.7682

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9508, 56.4610, 68.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5383, 56.8320, 80.7682 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(186, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 227)  
}
```

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(186, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.5383, 56.8320, 80.7682 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(186, 199, 227) }
```


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

```
.border{ border-color:rgb(186, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5383, 56.8320, 80.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 227) }
```

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

```
.background{ background-color: rgb(186,  
199, 227) }
```

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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