

Converting Colors

XYZ(54.2130, 57.0316, 78.5140)

Have a look what the booklet for
XYZ(54.2130, 57.0316, 78.5140)
contains.

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Color

**XYZ(54.3585, 57.1295,
78.6831)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC8E0
RGB	186, 200, 224
RGB Percent	73%, 78%, 88%
CMY	0.2706, 0.2157, 0.1216
CMYK	0.17, 0.11, 0.00, 0.12
HSL	218°, 38%, 80%
HSV	218°, 17%, 88%
XYZ	54.3585, 57.1295, 78.6831
YIQ	198.5500, -16.0480, 4.4960

Conversions

Conversions Part 2

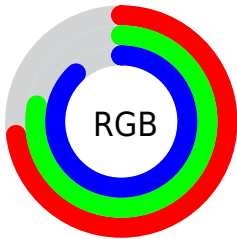
Format	Color
R _Y B	186, 196, 224
Decimal	12241120
CIE Lab	80.25, 0.15, -13.52
CIE LCh	80, 13.523, 270.632
Yxy	57.1295, 0.2858, 0.3004
Android (android.graphics.Color)	4290431200 (0xFFBAC8E0)
YUV	198.5500, 12.5469, -11.0063
Hunter-Lab	75.5841, -3.8986, -8.8121

Details

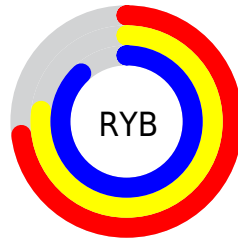
The XYZ color **54.3585, 57.1295, 78.6831** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6503, 65.4854, 55.7934**, and the grayscale version is **53.9456, 56.7550, 61.8062**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.9560, 28.3279, 41.5832** is the 20% darker color. If you saturate the color by 10%, you get **46.2116, 48.2904, 77.4073**, and if you desaturate by 10%, it is **63.6650, 67.0194, 80.1025**.

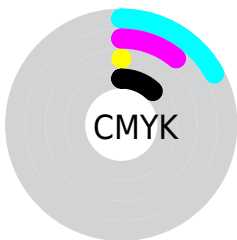
Distribution



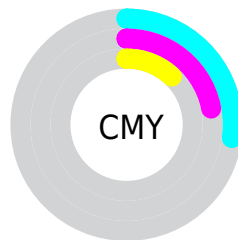
- Red (73%)
- Green (78%)
- Blue (88%)



- Red (73%)
- Yellow (77%)
- Blue (88%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3585, 57.1295, 78.6831 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 54.3585, 57.1295, 78.6831 by changing the saturation by 10% instead.

■ 54.3585, 57.1295,
78.6831

■ 54.3585, 57.1295,
78.6831

393.6517,
413.9344, 510.0729

■ 39.1202, 41.1092,
58.1155

■ 95.7542, 100.6541,
133.3073

■ 27.0344, 28.4044,
41.4862

122.6423,
128.9273, 168.2009

■ 17.7358, 18.6308,
28.3766

154.1444,
162.0535, 208.7070

■ 10.8590, 11.4038,
18.3683

190.6258,
200.4171, 255.2441

■ 6.0387, 6.3391,
11.0425

232.4519,
244.4027, 308.2306

■ 2.9095, 3.0524,
5.9809

279.9880,

■ 1.1061, 1.1591,

294.3945, 368.0853

2.7649

333.5995,
350.7769, 435.2265

■ 0.0302, 0.0279,
0.9759

■ 0.0000, 0.0000,
0.0000

■ 54.3585, 57.1295,
78.6831

■ 54.3585, 57.1295,
78.6831

■ 46.2116, 48.2904,
77.4073

■ 63.6650, 67.0194,
80.1025

■ 39.1715, 40.4581,
76.2666

■ 74.1709, 77.9879,
81.6659

■ 33.1884, 33.5960,
75.2574

■ 85.9203, 90.0703,
83.3787

■ 28.2067, 27.6621,
74.3746

■ 90.4547, 98.1619,
84.7016

■ 24.1654, 22.6109,
73.6126

■ 20.9959, 18.3924,
72.9654

■ 18.6192, 14.9502,
72.4263

■ 16.9349, 12.2159,
71.9873

■ 16.5131, 11.4986,
71.8710

Harmonies

Analogous

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



51.7373, 57.1295, 76.4205



54.3585, 57.1295, 78.6831



57.0506, 57.1295, 76.2282

Triad

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



54.3585, 57.1295, 78.6831



58.9981, 57.1295, 54.7732



49.8026, 57.1295, 55.0407

Complementary

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



54.3585, 57.1295, 78.6831



62.6503, 65.4854, 55.7934

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.



51.6390, 57.1295, 50.0154



54.3585, 57.1295, 78.6831



56.9457, 57.1295, 49.8704

Square

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



54.3585, 57.1295, 78.6831



59.7843, 57.1295, 62.0366



54.2413, 57.1295, 48.2036



49.1615, 57.1295, 62.3723

Rectangle

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



54.3585, 57.1295, 78.6831



58.5092, 57.1295, 72.3572



54.2413, 57.1295, 48.2036



50.2975, 57.1295, 53.0486

Sweetspot

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



54.3602, 57.1319, 78.6844



87.9988, 92.6314, 107.8494



58.4688, 68.3764, 70.7206



18.6303, 19.6116, 23.0535



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.



54.3602, 57.1319, 78.6844



69.2843, 72.7222, 104.9929



52.3582, 51.5039, 77.7036



13.3636, 14.0663, 17.3984



9.7124, 6.8944, 41.8672



0.7568, 0.6450, 2.9299

Inverse Universe

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



58.7261, 55.1365, 62.1935



76.1243, 69.7623, 79.1191



64.9038, 72.0056, 56.9332



13.9150, 13.7836, 15.3226



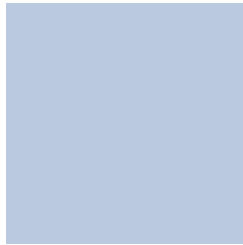
18.8426, 9.6040, 5.8368



1.3482, 0.6826, 0.6267

Previews

White Background



This preview shows how the XYZ color 54.3585, 57.1295, 78.6831 looks on a white background.

Color Contrast Check

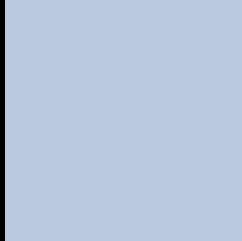
Large Text (above 18pt) WCAG AA × Fail

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 54.3585, 57.1295, 78.6831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

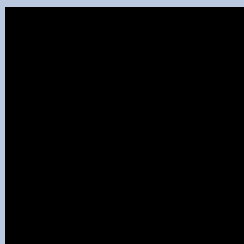
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3585, 57.1295, 78.6831

Background



This preview shows how black text looks on a background with the XYZ color 54.3585, 57.1295, 78.6831.



This preview shows how white text looks on a background with the XYZ color 54.3585, 57.1295,

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

54.3585, 57.1295, 78.6831

Protanopia

55.6567, 56.8085, 77.1390

Deuteranopia

58.3360, 57.1416, 79.1890



Tritanopia

53.4186, 57.0973, 73.8511

Trichromacy



Original Color

54.3585, 57.1295, 78.6831

Protanomaly

55.2516, 56.9223, 77.8871

Deuteranomaly

56.8837, 57.0582, 79.2494

Tritanomaly

53.8125, 57.2549, 75.9252

Monochromacy



Original Color

54.3585, 57.1295, 78.6831

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0567, 56.8702, 67.8025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3585, 57.1295, 78.6831 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, 200, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 224)  
}
```

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, 200, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.3585, 57.1295, 78.6831 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, 200, 224) }
```


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

```
.border{ border-color:rgb(186, 200, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 224);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3585, 57.1295, 78.6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 224) }
```

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

```
.background{ background-color: rgb(186,  
200, 224) }
```

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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