

Converting Colors

XYZ(56.1090, 58.3226, 88.0011)

Have a look what the booklet for
XYZ(56.1090, 58.3226, 88.0011)
contains.

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Color

**XYZ(56.0345, 58.1437,
87.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C9EC
RGB	185, 201, 236
RGB Percent	73%, 79%, 93%
CMY	0.2745, 0.2117, 0.0745
CMYK	0.22, 0.15, 0.00, 0.07
HSL	221°, 57%, 83%
HSV	221°, 22%, 93%
XYZ	56.0345, 58.1437, 87.6264
YIQ	200.2060, -20.7710, 7.4930

Conversions

Conversions Part 2

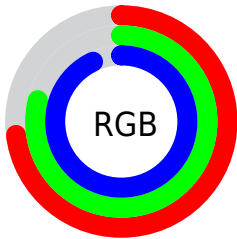
Format	Color
RYB	185, 197, 236
Decimal	12175852
CIELab	80.82, 1.93, -19.10
CIElCh	81, 19.201, 275.772
Yxy	58.1437, 0.2777, 0.2881
Android (android.graphics.Color)	4290365932 (0xFFB9C9EC)
YUV	200.2060, 17.6464, -13.3357
Hunter-Lab	76.2520, -2.2687, -14.7578

Details

The XYZ color **56.0345, 58.1437, 87.6264** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.9427, 72.5220, 56.2647**, and the grayscale version is **54.9319, 57.7926, 62.9362**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.0320, 28.9880, 47.2978** is the 20% darker color. If you saturate the color by 10%, you get **47.2287, 48.2932, 86.1901**, and if you desaturate by 10%, it is **66.1869, 69.2822, 89.2422**.

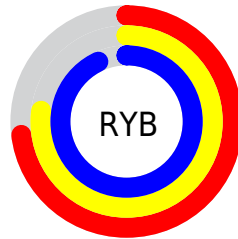
Distribution



Red (73%)

Green (79%)

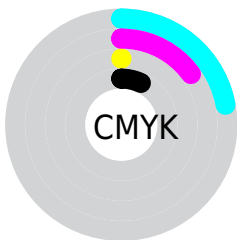
Blue (93%)



Red (73%)

Yellow (77%)

Blue (93%)

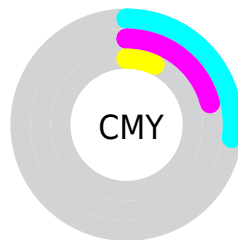


Cyan (22%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0345, 58.1437, 87.6264 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 56.0345, 58.1437, 87.6264 by changing the saturation by 10% instead.

■ 56.0345, 58.1437,
87.6264

■ 56.0345, 58.1437,
87.6264

399.8944,
417.7212, 540.6486

■ 40.4677, 41.9242,
65.4511

■ 98.1945, 102.1321,
145.9435

■ 28.0892, 29.0419,
47.3733

125.5185,
130.6698, 182.9224

■ 18.5337, 19.1125,
32.9744

157.4922,
164.0823, 225.6729

■ 11.4358, 11.7516,
21.8359

194.4810,
202.7540, 274.6135

■ 6.4302, 6.5748,
13.5392

236.8502,
247.0694, 330.1629

■ 3.1515, 3.1976,
7.6658

284.9653,

■ 1.2344, 1.2358,

297.4128, 392.7395

3.7972

339.1916,
354.1686, 462.7619

■ 0.1333, 0.0906,
1.5147

■ 0.0000, 0.0000,
0.2289

■ 56.0345, 58.1437,
87.6264

■ 56.0345, 58.1437,
87.6264

■ 47.2287, 48.2932,
86.1901

■ 66.1869, 69.2822,
89.2422

■ 39.7053, 39.6751,
84.9232

■ 77.7358, 81.7474,
91.0395

■ 33.4026, 32.2399,
83.8202

■ 90.4387, 95.4327,
93.0115

■ 28.2514, 25.9316,
82.8741

■ 92.1405, 98.8362,
93.5788

■ 24.1753, 20.6894,
82.0771

■ 21.0873, 16.4457,
81.4207

■ 18.8851, 13.1231,
80.8955

■ 17.5926, 10.9604,
80.5462

Harmonies

Analogous

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



52.1922, 58.1437, 85.3933



56.0345, 58.1437, 87.6264



59.8439, 58.1437, 82.7393

Triad

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



56.0345, 58.1437, 87.6264



61.6868, 58.1437, 51.3777



48.5955, 58.1437, 54.7600

Complementary

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



56.0345, 58.1437, 87.6264



68.9427, 72.5220, 56.2647

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.



50.9237, 58.1437, 47.1863



56.0345, 58.1437, 87.6264



58.4537, 58.1437, 45.4033

Square

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



56.0345, 58.1437, 87.6264



63.2060, 58.1437, 61.1370



54.5003, 58.1437, 43.9657



48.0166, 58.1437, 65.5310

Rectangle

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



56.0345, 58.1437, 87.6264



61.8137, 58.1437, 76.4092



54.5003, 58.1437, 43.9657



49.1938, 58.1437, 51.7982

Sweetspot

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



56.0363, 58.1461, 87.6277



86.3850, 90.6959, 107.5608



62.9026, 75.4657, 78.8582



18.2961, 19.2035, 22.9923



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.



56.0363, 58.1461, 87.6277



61.8860, 63.8486, 103.6700



54.8286, 52.2711, 86.5574



14.6168, 15.3201, 19.1089



9.7993, 6.2456, 44.4320



0.8527, 0.6569, 3.5167

Inverse Universe

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



62.4851, 56.7492, 62.9213



70.9441, 62.1547, 68.9065



70.3217, 79.7688, 57.5908



15.2602, 15.1319, 16.6553



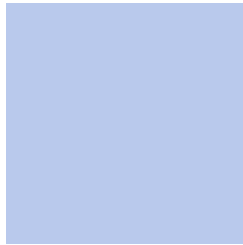
19.8015, 10.1233, 4.7562



1.5969, 0.8117, 0.5948

Previews

White Background



This preview shows how the XYZ color 56.0345, 58.1437, 87.6264 looks on a white background.

Color Contrast Check

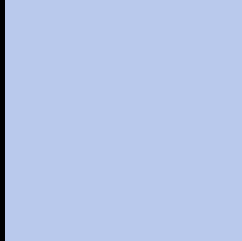
Large Text (above 18pt) WCAG AA × Fail

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 56.0345, 58.1437, 87.6264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

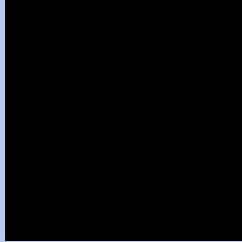
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0345, 58.1437, 87.6264

Background



This preview shows how black text looks on a background with the XYZ color 56.0345, 58.1437, 87.6264.



This preview shows how white text looks on a background with the XYZ color 56.0345, 58.1437,

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

56.0345, 58.1437, 87.6264

Protanopia

57.5228, 58.2567, 86.0548

Deuteranopia

59.3831, 58.1508, 88.2152



Tritanopia

53.8025, 58.2981, 76.1271

Trichromacy



Original Color

56.0345, 58.1437, 87.6264

Protanomaly

57.1355, 58.3831, 86.8550

Deuteranomaly

58.2451, 58.2384, 88.2920

Tritanomaly

54.6118, 58.2701, 80.3204

Monochromacy



Original Color

56.0345, 58.1437, 87.6264

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1702, 57.7148, 71.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0345, 58.1437, 87.6264 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(185, 201, 236)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 236)  
}
```

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(185, 201, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 236) }
```

Border

The CSS property to change the border of an element to XYZ 56.0345, 58.1437, 87.6264 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(185, 201, 236) }
```


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

```
.border{ border-color:rgb(185, 201, 236) }
```

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

Here you see how a box with a 4 pixel rgb(185, 201, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 236);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0345, 58.1437, 87.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 236) }
```

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

```
.background{ background-color: rgb(185,  
201, 236) }
```

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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