

Converting Colors

XYZ(58.0456, 62.0382, 87.5125)

Have a look what the booklet for
XYZ(58.0456, 62.0382, 87.5125)
contains.

XYZ(58.0456, 62.0382, 87.5125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.0456, 62.0382,
87.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD1EB
RGB	186, 209, 235
RGB Percent	73%, 82%, 92%
CMY	0.2706, 0.1804, 0.0784
CMYK	0.21, 0.11, 0.00, 0.08
HSL	212°, 55%, 83%
HSV	212°, 21%, 92%
XYZ	58.0456, 62.0382, 87.5125
YIQ	205.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

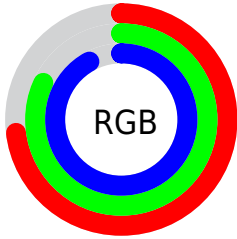
Format	Color
R _Y B	186, 202, 235
Decimal	12243435
CIE Lab	82.93, -2.23, -15.38
CIE LCh	83, 15.537, 261.751
Yxy	62.0382, 0.2796, 0.2988
Android (android.graphics.Color)	4290433515 (0xFFBAD1EB)
YUV	205.0870, 14.7471, -16.7393
Hunter-Lab	78.7643, -6.2915, -10.7402

Details

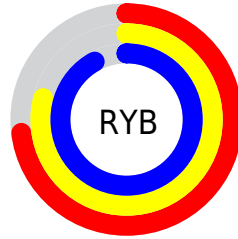
The XYZ color **58.0456, 62.0382, 87.5125** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.6680, 68.2946, 56.1243**, and the grayscale version is **58.0044, 61.0252, 66.4564**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.3737, 31.6029, 47.1996** is the 20% darker color. If you saturate the color by 10%, you get **49.8592, 53.4544, 86.2881**, and if you desaturate by 10%, it is **67.4141, 71.5899, 88.8634**.

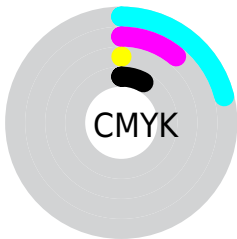
Distribution



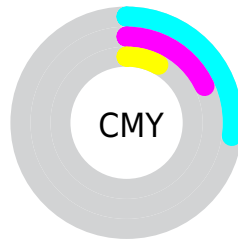
- Red (73%)
- Green (82%)
- Blue (92%)



- Red (73%)
- Yellow (79%)
- Blue (92%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0456, 62.0382, 87.5125 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 58.0456, 62.0382, 87.5125 by changing the saturation by 10% instead.

■ 58.0456, 62.0382,
87.5125

■ 58.0456, 62.0382,
87.5125

407.3070,
432.0704, 540.2653

■ 42.0887, 45.0636,
65.3574

■ 101.1118,
107.7807, 145.7834

■ 29.3622, 31.5075,
47.2977

128.9519,
137.3174, 182.7363

■ 19.5006, 20.9856,
32.9151

161.4837,
171.8103, 225.4588

■ 12.1387, 13.1135,
21.7908

199.0727,
211.6436, 274.3696

■ 6.9111, 7.5067,
13.5064

242.0842,
257.2020, 329.8871

■ 3.4524, 3.7810,
7.6434

290.8834,

■ 1.3973, 1.5518,

308.8696, 392.4298

3.7831

345.8359,
367.0309, 462.4164

■ 0.2543, 0.3248,
1.5071

■ 0.0000, 0.0000,
0.2232

■ 58.0456, 62.0382,
87.5125

■ 58.0456, 62.0382,
87.5125

■ 49.8592, 53.4544,
86.2881

■ 67.4141, 71.5899,
88.8634

■ 42.7980, 45.7965,
85.1822

■ 78.0069, 82.1345,
90.3404

■ 36.8084, 39.0299,
84.1918

■ 89.3161, 93.4192,
91.9225

■ 31.8301, 33.1149,
83.3125

■ 91.9956, 98.7782,
92.8157

■ 27.7959, 28.0079,
82.5393

■ 24.6298, 23.6600,
81.8670

■ 22.2415, 20.0150,
81.2893

■ 20.6058, 17.2187,
80.8358

Harmonies

Analogous

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



55.0648, 62.0382, 83.1065



58.0456, 62.0382, 87.5125



61.3863, 62.0382, 86.1844

Triad

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



58.0456, 62.0382, 87.5125



65.1565, 62.0382, 60.9371



54.0474, 62.0382, 56.7543

Complementary

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



58.0456, 62.0382, 87.5125



66.6680, 68.2946, 56.1243

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.



56.6091, 62.0382, 51.8145



58.0456, 62.0382, 87.5125



63.0461, 62.0382, 54.0654

Square

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



58.0456, 62.0382, 87.5125



65.5766, 62.0382, 70.2320



59.8950, 62.0382, 50.8790



52.8143, 62.0382, 64.9353

Rectangle

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



58.0456, 62.0382, 87.5125



63.3622, 62.0382, 82.2766



59.8950, 62.0382, 50.8790



54.7770, 62.0382, 54.6930

Sweetspot

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



58.0475, 62.0407, 87.5139



87.1082, 92.1424, 107.8019



61.7570, 74.5760, 72.9774



18.4668, 19.5449, 23.0492



0.0000, 0.0000, 0.0000



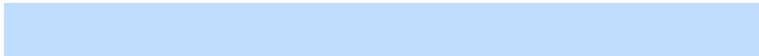
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0475, 62.0407, 87.5139



65.5018, 70.1349, 104.6928



53.0044, 51.6592, 85.7759



14.8142, 15.7149, 19.1747



11.5934, 9.8338, 45.0300



1.0059, 0.9633, 3.5678

Inverse Universe

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



63.3300, 57.3850, 68.0630



73.0000, 63.8606, 77.0087



72.5643, 80.4864, 58.1668



15.3598, 15.1718, 17.1799



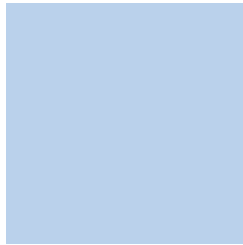
20.7071, 10.4855, 9.5249



1.6742, 0.8427, 1.0019

Previews

White Background



This preview shows how the XYZ color 58.0456, 62.0382, 87.5125 looks on a white background.

Color Contrast Check

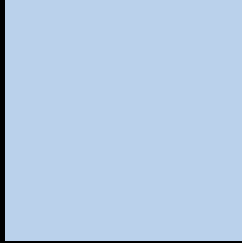
Large Text (above 18pt) WCAG AA × Fail

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 58.0456, 62.0382, 87.5125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

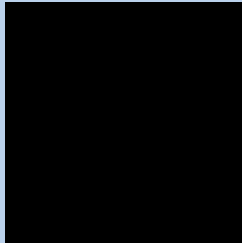
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

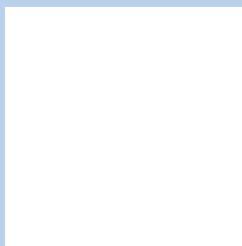
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0456, 62.0382, 87.5125

Background



This preview shows how black text looks on a background with the XYZ color 58.0456, 62.0382, 87.5125.



This preview shows how white text looks on a background with the XYZ color 58.0456, 62.0382,

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

58.0456, 62.0382, 87.5125

Protanopia

60.7539, 62.0454, 85.1178

Deuteranopia

63.3241, 61.8848, 88.7282



Tritanopia

56.6789, 61.8296, 81.6201

Trichromacy



Original Color

58.0456, 62.0382, 87.5125

Protanomaly

59.5442, 61.7616, 85.8737

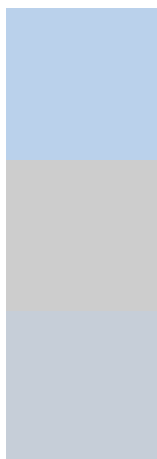
Deuteranomaly

61.3618, 61.9384, 88.0781

Tritanomaly

57.3371, 62.1206, 83.8314

Monochromacy



Original Color

58.0456, 62.0382, 87.5125

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7547, 61.1062, 73.7164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0456, 62.0382, 87.5125 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, 209, 235)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 235)  
}
```

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, 209, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 235) }
```

Border

The CSS property to change the border of an element to XYZ 58.0456, 62.0382, 87.5125 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, 209, 235) }
```


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

```
.border{ border-color:rgb(186, 209, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 209, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 235);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0456, 62.0382, 87.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 235) }
```

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

```
.background{ background-color: rgb(186,  
209, 235) }
```

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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