

Converting Colors

XYZ(55.8757, 61.9073, 85.6368)

Have a look what the booklet for
XYZ(55.8757, 61.9073, 85.6368)
contains.

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Color

**XYZ(56.0135, 62.1433,
85.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D4E8
RGB	176, 212, 232
RGB Percent	69%, 83%, 91%
CMY	0.3098, 0.1686, 0.0902
CMYK	0.24, 0.09, 0.00, 0.09
HSL	201°, 55%, 80%
HSV	201°, 24%, 91%
XYZ	56.0135, 62.1433, 85.3866
YIQ	203.5160, -27.8760, -1.4120

Conversions

Conversions Part 2

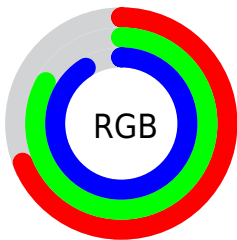
Format	Color
R _{YB}	176, 198, 232
Decimal	11588840
CIE Lab	82.99, -7.48, -13.76
CIE LCh	83, 15.663, 241.478
Yxy	62.1433, 0.2752, 0.3053
Android (android.graphics.Color)	4289778920 (0xFFB0D4E8)
YUV	203.5160, 14.0426, -24.1315
Hunter-Lab	78.8310, -11.1208, -9.0388

Details

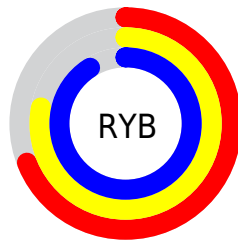
The XYZ color **56.0135, 62.1433, 85.3866** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.8559, 59.7706, 49.4052**, and the grayscale version is **57.0177, 59.9870, 65.3259**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.9195, 31.3861, 45.6609** is the 20% darker color. If you saturate the color by 10%, you get **49.1916, 55.6319, 84.4904**, and if you desaturate by 10%, it is **63.8419, 69.3344, 86.3631**.

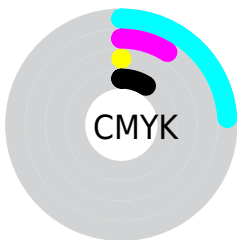
Distribution



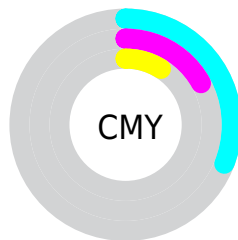
- Red (69%)
- Green (83%)
- Blue (91%)



- Red (69%)
- Yellow (78%)
- Blue (91%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0135, 62.1433, 85.3866 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 56.0135, 62.1433, 85.3866 by changing the saturation by 10% instead.

■ 56.0135, 62.1433,
85.3866

■ 56.0135, 62.1433,
85.3866

399.8166,
432.4536, 533.0844

■ 40.4508, 45.1485,
63.6089

■ 98.1640, 107.9326,
142.7921

■ 28.0760, 31.5744,
45.8898

125.4825,
137.4959, 179.2570

■ 18.5237, 21.0366,
31.8108

157.4503,
172.0175, 221.4548

■ 11.4286, 13.1508,
20.9534

194.4328,
211.8818, 269.8038

■ 6.4253, 7.5325,
12.8991

236.7953,
257.4731, 324.7228

■ 3.1485, 3.7973,
7.2292

284.9032,

■ 1.2328, 1.5608,

309.1760, 386.6301

3.5252

339.1219,
367.3747, 455.9445

■ 0.1320, 0.3310,
1.3687

■ 0.0000, 0.0000,
0.1171

■ 56.0135, 62.1433,
85.3866

■ 56.0135, 62.1433,
85.3866

■ 49.1916, 55.6319,
84.4904

■ 63.8419, 69.3344,
86.3631

■ 43.3234, 49.7660,
83.6674

■ 72.7151, 77.2227,
87.4180

■ 38.3596, 44.5194,
82.9163

■ 82.6760, 85.8340,
88.5551

■ 34.2439, 39.8606,
82.2340

■ 88.5015, 92.4779,
89.5305

■ 30.9131, 35.7545,
81.6170

■ 91.0663, 97.6075,
90.3854

■ 28.2940, 32.1608,
81.0614

■ 91.5657, 98.6063,
90.5519

■ 26.2980, 29.0312,
80.5625

■ 25.3374, 27.3698,
80.2925

Harmonies

Analogous

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



53.6898, 62.1433, 77.8644



56.0135, 62.1433, 85.3866



59.2332, 62.1433, 88.0468

Triad

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



56.0135, 62.1433, 85.3866



65.8094, 62.1433, 67.1842



55.7335, 62.1433, 52.9871

Complementary

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



56.0135, 62.1433, 85.3866



60.8559, 59.7706, 49.4052

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.



58.8978, 62.1433, 50.6971



56.0135, 62.1433, 85.3866



64.7883, 62.1433, 58.3948

Square

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



56.0135, 62.1433, 85.3866



64.9668, 62.1433, 76.9542



62.2261, 62.1433, 52.5800



53.5325, 62.1433, 59.1523

Rectangle

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



56.0135, 62.1433, 85.3866



61.4791, 62.1433, 86.5213



62.2261, 62.1433, 52.5800



56.7156, 62.1433, 51.7666

Sweetspot

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



56.0154, 62.1458, 85.3880



86.7853, 92.7706, 107.9402



56.6807, 70.9119, 62.6875



18.4298, 19.7277, 23.0864



0.0000, 0.0000, 0.0000



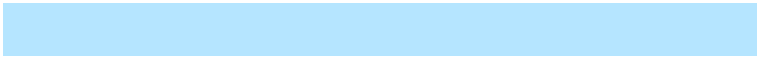
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0154, 62.1458, 85.3880



65.0244, 72.8631, 105.2446



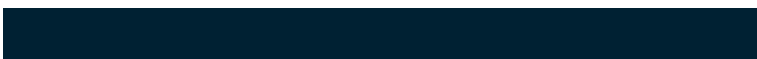
49.6951, 49.5052, 83.2812



14.3518, 15.4250, 18.3652



14.1893, 15.4407, 44.6157



1.1355, 1.3150, 3.3259

Inverse Universe

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



60.6893, 52.9615, 69.3141



71.8600, 59.9625, 81.6172



67.6646, 73.3882, 51.6748



14.7652, 14.5233, 16.9638



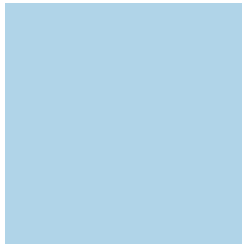
21.5556, 10.7565, 17.0867



1.6368, 0.8124, 1.4939

Previews

White Background



This preview shows how the XYZ color 56.0135, 62.1433, 85.3866 looks on a white background.

Color Contrast Check

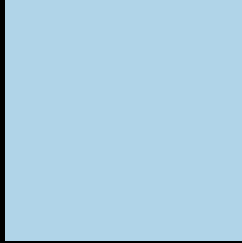
Large Text (above 18pt) WCAG AA × Fail

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 56.0135, 62.1433, 85.3866 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 56.0135, 62.1433, 85.3866

Background



This preview shows how black text looks on a background with the XYZ color 56.0135, 62.1433, 85.3866.



This preview shows how white text looks on a background with the XYZ color 56.0135, 62.1433,

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

56.0135, 62.1433, 85.3866

Protanopia

60.5983, 62.0461, 81.4553

Deuteranopia

63.1785, 61.8599, 86.4522



Tritanopia

55.3655, 61.8581, 83.1505

Trichromacy



Original Color

56.0135, 62.1433, 85.3866

Protanomaly

58.9469, 62.2382, 83.0351

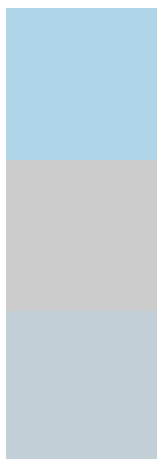
Deuteranomaly

60.3587, 61.8252, 85.8430

Tritanomaly

55.5056, 61.9141, 83.8881

Monochromacy



Original Color

56.0135, 62.1433, 85.3866

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6986, 60.9500, 72.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0135, 62.1433, 85.3866 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(176, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 212, 232)  
}
```

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(176, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 212, 232) }
```

Border

The CSS property to change the border of an element to XYZ 56.0135, 62.1433, 85.3866 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(176, 212, 232) }
```


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

```
.border{ border-color:rgb(176, 212, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 212, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 212,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0135, 62.1433, 85.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 212, 232) }
```

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

```
.background{ background-color: rgb(176,  
212, 232) }
```

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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