

Converting Colors

XYZ(60.1577, 66.1310, 87.4358)

Have a look what the booklet for
XYZ(60.1577, 66.1310, 87.4358)
contains.

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Color

**XYZ(60.1577, 66.1310,
87.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD9EA
RGB	187, 217, 234
RGB Percent	73%, 85%, 92%
CMY	0.2667, 0.1490, 0.0823
CMYK	0.20, 0.07, 0.00, 0.08
HSL	202°, 53%, 83%
HSV	202°, 20%, 92%
XYZ	60.1577, 66.1310, 87.4358
YIQ	209.9680, -23.3370, -1.0730

Conversions

Conversions Part 2

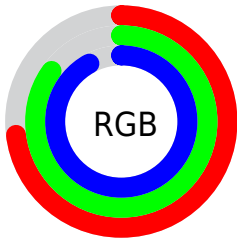
Format	Color
R _{YB}	187, 205, 234
Decimal	12311018
CIE Lab	85.06, -6.32, -11.65
CIE LCh	85, 13.256, 241.507
Yxy	66.1310, 0.2815, 0.3094
Android (android.graphics.Color)	4290501098 (0xFFBBD9EA)
YUV	209.9680, 11.8478, -20.1429
Hunter-Lab	81.3210, -10.2652, -6.8236

Details

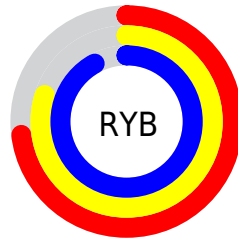
The XYZ color **60.1577, 66.1310, 87.4358** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.4949, 64.2663, 56.0207**, and the grayscale version is **61.1749, 64.3607, 70.0888**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **30.6291, 34.0416, 47.0758** is the 20% darker color. If you saturate the color by 10%, you get **52.7676, 59.1673, 86.4822**, and if you desaturate by 10%, it is **68.5964, 73.8048, 88.4733**.

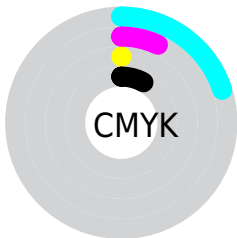
Distribution



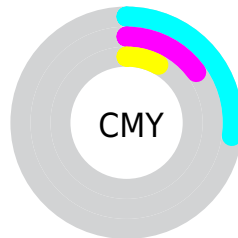
- Red (73%)
- Green (85%)
- Blue (92%)



- Red (73%)
- Yellow (80%)
- Blue (92%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1577, 66.1310, 87.4358 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 60.1577, 66.1310, 87.4358 by changing the saturation by 10% instead.

■ 60.1577, 66.1310,
87.4358

■ 60.1577, 66.1310,
87.4358

415.0042,
446.8452, 540.0072

■ 43.7957, 48.3788,
65.2942

■ 104.1634,
113.6743, 145.6756

■ 30.7072, 34.1269,
47.2468

132.5379,
144.2342, 182.6110

■ 20.5267, 22.9911,
32.8751

165.6472,
179.8321, 225.3147

■ 12.8890, 14.5870,
21.7604

203.8568,
220.8523, 274.2053

■ 7.4286, 8.5300,
13.4844

247.5319,
267.6794, 329.7013

■ 3.7803, 4.4359,
7.6283

297.0379,

■ 1.5786, 1.9203,

320.6976, 392.2212

3.7737

352.7403,
380.2915, 462.1837

■ 0.3784, 0.5605,
1.5020

■ 0.0000, 0.0000,
0.2194

■ 60.1577, 66.1310,
87.4358

■ 60.1577, 66.1310,
87.4358

■ 52.7676, 59.1673,
86.4822

■ 68.5964, 73.8048,
88.4733

■ 46.3735, 52.8788,
85.6055

■ 78.1214, 82.2053,
89.5927

■ 40.9266, 47.2398,
84.8041

■ 87.9605, 90.9387,
90.7599

■ 36.3717, 42.2192,
84.0751

■ 90.5434, 96.1044,
91.6208

■ 32.6473, 37.7826,
83.4150

■ 91.8515, 98.7206,
92.0569

■ 29.6833, 33.8910,
82.8201

■ 27.3964, 30.4990,
82.2859

■ 25.6583, 27.5543,
81.8091

Harmonies

Analogous

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



58.0892, 66.1310, 80.9397



60.1577, 66.1310, 87.4358



63.0066, 66.1310, 89.7144

Triad

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



60.1577, 66.1310, 87.4358



68.7680, 66.1310, 71.5740



59.9042, 66.1310, 58.8836

Complementary

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



60.1577, 66.1310, 87.4358



64.4949, 64.2663, 56.0207

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.



62.7047, 66.1310, 56.7951



60.1577, 66.1310, 87.4358



67.8758, 66.1310, 63.7540

Square

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



60.1577, 66.1310, 87.4358



68.0347, 66.1310, 80.1330



65.6328, 66.1310, 58.5064



57.9461, 66.1310, 64.4468

Rectangle

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



60.1577, 66.1310, 87.4358



64.9828, 66.1310, 88.4025



65.6328, 66.1310, 58.5064



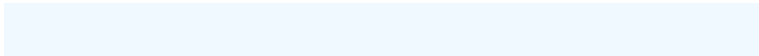
60.7752, 66.1310, 57.7726

Sweetspot

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



60.1597, 66.1337, 87.4373



87.9035, 93.7331, 108.0670



60.7509, 73.7450, 67.8152



18.6548, 19.9210, 23.1119



0.0000, 0.0000, 0.0000



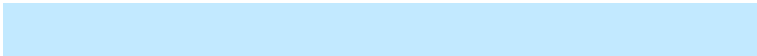
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1597, 66.1337, 87.4373



69.3481, 76.8654, 105.7892



54.6492, 55.1127, 85.6005



15.0330, 16.1525, 19.2477



14.5419, 15.7309, 46.0129



1.2326, 1.4167, 3.6434

Inverse Universe

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



64.2280, 58.0445, 73.4671



75.1763, 65.6302, 85.6969



70.3579, 75.9924, 57.9750



15.4702, 15.2159, 17.7615



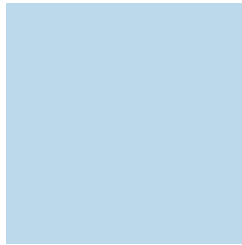
22.1954, 11.0808, 17.3621



1.7887, 0.8884, 1.6045

Previews

White Background



This preview shows how the XYZ color 60.1577, 66.1310, 87.4358 looks on a white background.

Color Contrast Check

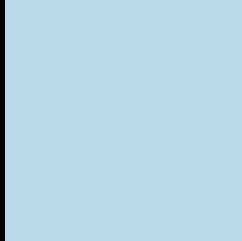
Large Text (above 18pt) WCAG AA × Fail

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 60.1577, 66.1310, 87.4358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

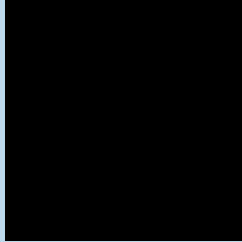
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1577, 66.1310, 87.4358

Background



This preview shows how black text looks on a background with the XYZ color 60.1577, 66.1310, 87.4358.



This preview shows how white text looks on a background with the XYZ color 60.1577, 66.1310,

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

60.1577, 66.1310, 87.4358

Protanopia

64.4412, 66.1506, 84.2348

Deuteranopia

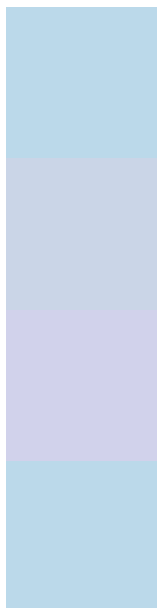
67.0304, 65.5709, 88.4804



Tritanopia

60.1577, 66.1310, 87.4358

Trichromacy



Original Color

60.1577, 66.1310, 87.4358

Protanomaly

62.5752, 65.9146, 85.0260

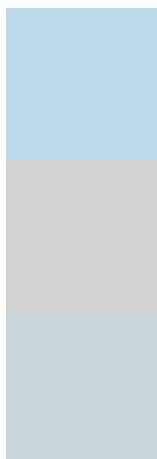
Deuteranomaly

64.3365, 65.6467, 87.8774

Tritanomaly

60.1577, 66.1310, 87.4358

Monochromacy



Original Color

60.1577, 66.1310, 87.4358

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9376, 65.2595, 76.4024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1577, 66.1310, 87.4358 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(187, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 234)  
}
```

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(187, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 234) }
```

Border

The CSS property to change the border of an element to XYZ 60.1577, 66.1310, 87.4358 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(187, 217, 234) }
```


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

```
.border{ border-color:rgb(187, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1577, 66.1310, 87.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 234) }
```

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

```
.background{ background-color: rgb(187,  
217, 234) }
```

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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