

Converting Colors

XYZ(59.9717, 66.6267, 87.4151)

Have a look what the booklet for
XYZ(59.9717, 66.6267, 87.4151)
contains.

XYZ(60.1904, 66.9178, 87.5860)	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(60.1904, 66.9178,
87.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DBEA
RGB	185, 219, 234
RGB Percent	73%, 86%, 92%
CMY	0.2745, 0.1412, 0.0823
CMYK	0.21, 0.06, 0.00, 0.08
HSL	198°, 54%, 82%
HSV	198°, 21%, 92%
XYZ	60.1904, 66.9178, 87.5860
YIQ	210.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

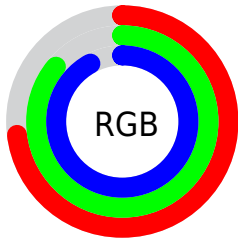
Format	Color
RYB	185, 205, 234
Decimal	12180458
CIELab	85.46, -7.97, -11.07
CIELCh	85, 13.637, 234.255
Yxy	66.9178, 0.2804, 0.3117
Android (android.graphics.Color)	4290370538 (0xFFB9DBEA)
YUV	210.5440, 11.5638, -22.4021
Hunter-Lab	81.8033, -11.8165, -6.2189

Details

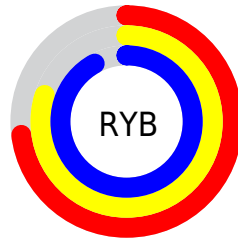
The XYZ color **60.1904, 66.9178, 87.5860** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.3437, 62.3041, 54.5878**, and the grayscale version is **61.5559, 64.7616, 70.5253**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.6714, 34.5906, 47.1796** is the 20% darker color. If you saturate the color by 10%, you get **53.1752, 60.5885, 86.7352**, and if you desaturate by 10%, it is **68.2190, 73.8923, 88.5101**.

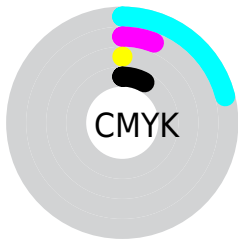
Distribution



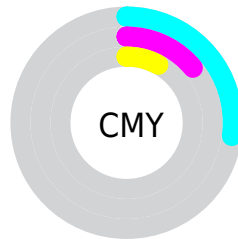
- Red (73%)
- Green (86%)
- Blue (92%)



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



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1904, 66.9178, 87.5860 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 60.1904, 66.9178, 87.5860 by changing the saturation by 10% instead.

■ 60.1904, 66.9178,
87.5860

■ 60.1904, 66.9178,
87.5860

415.1227,
449.6521, 540.5127

■ 43.8222, 49.0178,
65.4179

■ 104.2106,
114.8026, 145.8867

■ 30.7280, 34.6336,
47.3465

132.5933,
145.5563, 182.8564

■ 20.5427, 23.3808,
32.9534

165.7115,
181.3632, 225.5970

■ 12.9007, 14.8749,
21.8199

203.9305,
222.6080, 274.5270

■ 7.4367, 8.7317,
13.5276

247.6158,
269.6748, 330.0651

■ 3.7854, 4.5666,
7.6578

297.1327,

■ 1.5815, 1.9953,

322.9482, 392.6297

3.7922

352.8466,
382.8125, 462.6393

■ 0.3803, 0.6047,
1.5120

■ 0.0000, 0.0000,
0.2269

■ 60.1904, 66.9178,
87.5860

■ 60.1904, 66.9178,
87.5860

■ 53.1752, 60.5885,
86.7352

■ 68.2190, 73.8923,
88.5101

■ 47.1211, 54.8709,
85.9506

■ 77.2983, 81.5275,
89.5054

■ 41.9798, 49.7402,
85.2313

■ 87.3963, 89.8101,
90.5718

■ 37.6963, 45.1665,
84.5742

■ 89.5523, 94.1222,
91.2905

■ 34.2090, 41.1165,
83.9763

■ 91.7925, 98.6026,
92.0373

■ 31.4478, 37.5525,
83.4339

■ 91.8515, 98.7206,
92.0569

■ 29.3287, 34.4296,
82.9428

■ 27.8389, 31.9154,
82.5361

Harmonies

Analogous

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



58.3313, 66.9178, 80.0888



60.1904, 66.9178, 87.5860



63.0096, 66.9178, 91.1660

Triad

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



60.1904, 66.9178, 87.5860



69.7091, 66.9178, 74.5813



61.1903, 66.9178, 58.4040

Complementary

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



60.1904, 66.9178, 87.5860



63.3437, 62.3041, 54.5878

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.



64.2009, 66.9178, 57.1884



60.1904, 66.9178, 87.5860



69.1838, 66.9178, 66.0838

Square

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



60.1904, 66.9178, 87.5860



68.5558, 66.9178, 83.2770



67.1430, 66.9178, 59.8884



58.8954, 66.9178, 63.3539

Rectangle

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



60.1904, 66.9178, 87.5860



65.0797, 66.9178, 90.6571



67.1430, 66.9178, 59.8884



62.1495, 66.9178, 57.5628

Sweetspot

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



60.1924, 66.9205, 87.5875



88.1676, 94.2613, 108.1551



59.8221, 73.3173, 65.4601



18.7173, 20.0459, 23.1327



0.0000, 0.0000, 0.0000



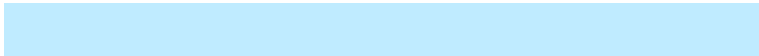
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1924, 66.9205, 87.5875



69.4470, 78.0252, 106.0079



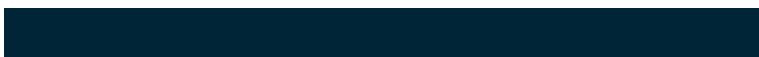
54.3306, 55.1970, 85.6336



15.1061, 16.2986, 19.2720



15.7600, 18.1669, 46.4189



1.3219, 1.5952, 3.6731

Inverse Universe

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



64.0685, 57.3064, 74.7053



74.9914, 64.6571, 87.4950



69.3993, 74.4154, 56.6063



15.5071, 15.2307, 17.9556



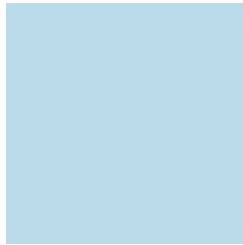
22.8102, 11.3268, 20.5997



1.8337, 0.9065, 1.8418

Previews

White Background



This preview shows how the XYZ color 60.1904, 66.9178, 87.5860 looks on a white background.

Color Contrast Check

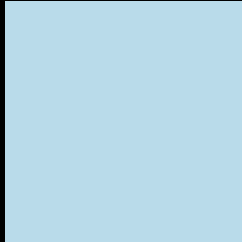
Large Text (above 18pt) WCAG AA × Fail

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 60.1904, 66.9178, 87.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

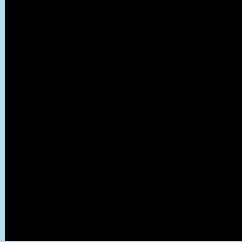
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1904, 66.9178, 87.5860

Background



This preview shows how black text looks on a background with the XYZ color 60.1904, 66.9178, 87.5860.

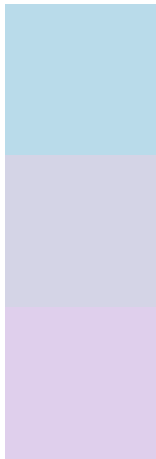


This preview shows how white text looks on a background with the XYZ color 60.1904, 66.9178,

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

60.1904, 66.9178, 87.5860

Protanopia

64.9778, 66.7972, 84.3314

Deuteranopia

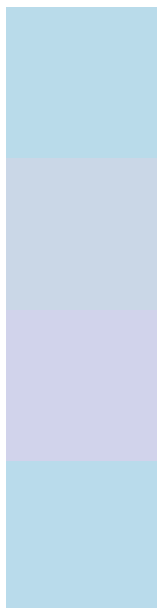
67.8846, 66.3698, 88.5896



Tritanopia

60.4794, 67.0335, 89.1080

Trichromacy



Original Color

60.1904, 66.9178, 87.5860

Protanomaly

63.0814, 66.9270, 85.1948

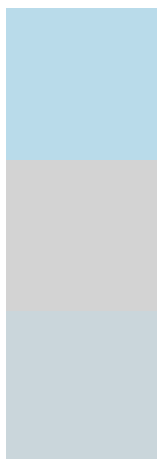
Deuteranomaly

64.5842, 66.1420, 87.9600

Tritanomaly

60.3345, 66.9755, 88.3449

Monochromacy



Original Color

60.1904, 66.9178, 87.5860

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1899, 65.7642, 76.4865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1904, 66.9178, 87.5860 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, 219, 234)` looks like.

```
.text, #text, p{  
    color:rgb(185, 219, 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(185, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 219, 234) }
```

Border

The CSS property to change the border of an element to XYZ 60.1904, 66.9178, 87.5860 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, 219, 234) }
```


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

```
.border{ border-color:rgb(185, 219, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 219, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(185, 219,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1904, 66.9178, 87.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 219, 234) }
```

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

```
.background{ background-color: rgb(185,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor