

Converting Colors

XYZ(60.1918, 65.9248, 97.5480)

Have a look what the booklet for
XYZ(60.1918, 65.9248, 97.5480)
contains.

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Color

**XYZ(60.1918, 65.9248,
97.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D9F7
RGB	179, 217, 247
RGB Percent	70%, 85%, 97%
CMY	0.2980, 0.1490, 0.0314
CMYK	0.28, 0.12, 0.00, 0.03
HSL	206°, 81%, 84%
HSV	206°, 28%, 97%
XYZ	60.1918, 65.9248, 97.5480
YIQ	209.0580, -32.2780, 1.2740

Conversions

Conversions Part 2

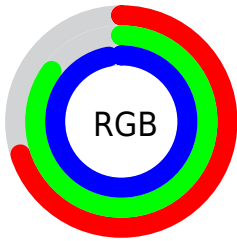
Format	Color
R _Y B	179, 203, 247
Decimal	11786743
CIE Lab	84.96, -5.79, -18.74
CIE LCh	85, 19.612, 252.831
Yxy	65.9248, 0.2691, 0.2947
Android (android.graphics.Color)	4289976823 (0xFFB3D9F7)
YUV	209.0580, 18.7054, -26.3609
Hunter-Lab	81.1941, -9.7618, -14.3962

Details

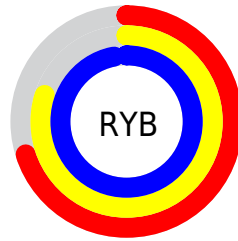
The XYZ color **60.1918, 65.9248, 97.5480** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.2959, 68.6305, 52.2444**, and the grayscale version is **60.5407, 63.6936, 69.3623**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.7817, 33.9622, 54.2232** is the 20% darker color. If you saturate the color by 10%, you get **52.2702, 57.8098, 96.4003**, and if you desaturate by 10%, it is **69.3254, 74.9431, 98.8084**.

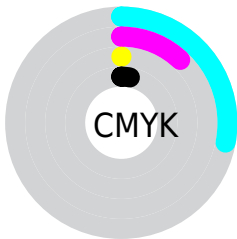
Distribution



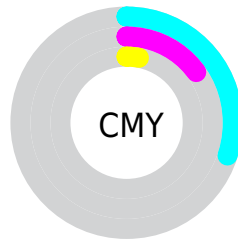
- Red (70%)
- Green (85%)
- Blue (97%)



- Red (70%)
- Yellow (80%)
- Blue (97%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (30%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1918, 65.9248, 97.5480 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 60.1918, 65.9248, 97.5480 by changing the saturation by 10% instead.

■ 60.1918, 65.9248,
97.5480

■ 60.1918, 65.9248,
97.5480

415.1278,
446.1079, 573.4818

■ 43.8233, 48.2114,
73.6489

■ 104.2126,
113.3784, 159.8058

■ 30.7289, 33.9943,
54.0117

132.5956,
143.8873, 199.0017

■ 20.5433, 22.8892,
38.2178

165.7142,
179.4302, 244.1335

■ 12.9012, 14.5117,
25.8486

203.9337,
220.3915, 295.6199

■ 7.4371, 8.4774,
16.4857

247.6194,
267.1555, 353.8794

■ 3.7856, 4.4019,
9.7104

297.1368,

■ 1.5816, 1.9008,

320.1066, 419.3305

5.1043

352.8511,
379.6293, 492.3918

■ 0.3804, 0.5489,
2.2488

■ 0.0000, 0.0000,
0.7023

■ 60.1918, 65.9248,
97.5480

■ 60.1918, 65.9248,
97.5480

■ 52.2702, 57.8098,
96.4003

■ 69.3254, 74.9431,
98.8084

■ 45.4963, 50.5549,
95.3570

■ 79.7190, 84.8898,
100.1805

■ 39.8090, 44.1248,
94.4156

■ 91.4250, 95.7985,
101.6691

■ 35.1380, 38.4776,
93.5718

■ 93.7887, 99.4955,
102.2582

■ 31.4044, 33.5669,
92.8207

■ 28.5154, 29.3388,
92.1568

■ 26.3501, 25.7248,
91.5734

■ 25.8825, 24.9030,
91.4394

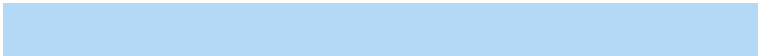
Harmonies

Analogous

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



56.6496, 65.9248, 89.5717



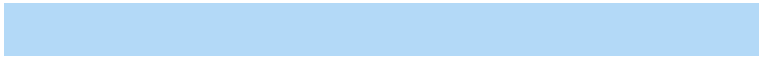
60.1918, 65.9248, 97.5480



64.5599, 65.9248, 98.1324

Triad

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



60.1918, 65.9248, 97.5480



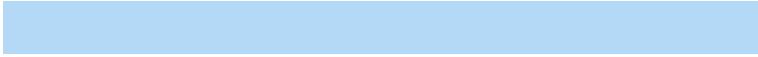
71.2883, 65.9248, 66.5263



57.0746, 65.9248, 55.4170

Complementary

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



60.1918, 65.9248, 97.5480



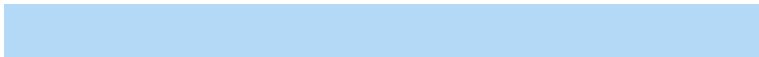
69.2959, 68.6305, 52.2444

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.



60.7969, 65.9248, 50.6274



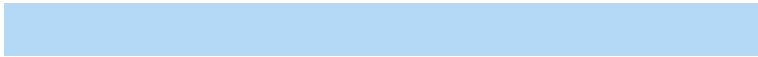
60.1918, 65.9248, 97.5480



69.0802, 65.9248, 56.5171

Square

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



60.1918, 65.9248, 97.5480



71.1076, 65.9248, 79.1841



65.1938, 65.9248, 51.0050



54.9086, 65.9248, 64.8542

Rectangle

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



60.1918, 65.9248, 97.5480



67.3659, 65.9248, 94.1598



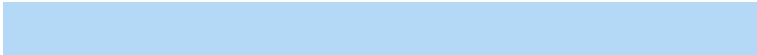
65.1938, 65.9248, 51.0050



58.1777, 65.9248, 53.2625

Sweetspot

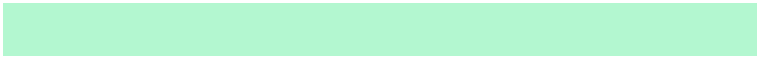
The Sweet Spot groups the original color and five complimentary colors.



60.1938, 65.9274, 97.5495



85.1350, 90.7260, 107.6325



63.2954, 80.6837, 72.2151



17.8451, 19.0618, 22.9887



0.0000, 0.0000, 0.0000



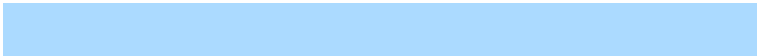
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1938, 65.9274, 97.5495



59.8515, 65.9403, 104.1810



52.4243, 50.3884, 94.9597



16.3494, 17.4630, 21.0516



13.8322, 13.4582, 48.4067



1.3180, 1.3875, 4.2886

Inverse Universe

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



67.0040, 57.0260, 73.1241



68.4134, 55.3847, 73.3300



78.3869, 86.8125, 55.2747



16.8869, 16.6376, 19.1511



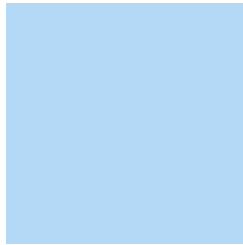
22.7864, 11.4580, 14.1153



2.0543, 1.0277, 1.5126

Previews

White Background



This preview shows how the XYZ color 60.1918, 65.9248, 97.5480 looks on a white background.

Color Contrast Check

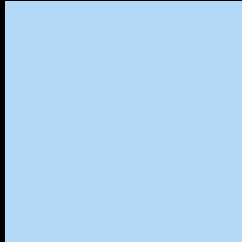
Large Text (above 18pt) WCAG AA × Fail

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 60.1918, 65.9248, 97.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

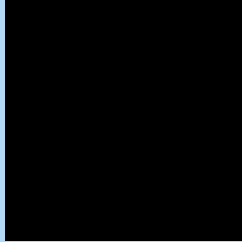
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

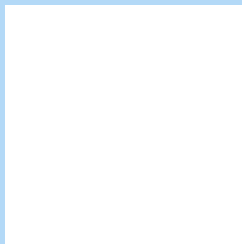
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1918, 65.9248, 97.5480

Background



This preview shows how black text looks on a background with the XYZ color 60.1918, 65.9248, 97.5480.



This preview shows how white text looks on a background with the XYZ color 60.1918, 65.9248,

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

60.1918, 65.9248, 97.5480

Protanopia

64.5272, 65.6258, 93.2705

Deuteranopia

67.1433, 65.7613, 98.7769



Tritanopia

58.6033, 66.0663, 89.0202

Trichromacy



Original Color

60.1918, 65.9248, 97.5480

Protanomaly

62.8883, 65.8559, 94.9848

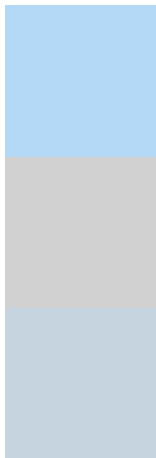
Deuteranomaly

64.3249, 65.7833, 98.1141

Tritanomaly

59.1597, 65.8991, 92.0398

Monochromacy



Original Color

60.1918, 65.9248, 97.5480

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1515, 64.4204, 79.0761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1918, 65.9248, 97.5480 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(179, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(179, 217, 247)  
}
```

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(179, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 217, 247) }
```

Border

The CSS property to change the border of an element to XYZ 60.1918, 65.9248, 97.5480 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(179, 217, 247) }
```


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

```
.border{ border-color:rgb(179, 217, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 217, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 217, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 217, 247); box-shadow:4px 4px 4px 4px rgb(179, 217, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1918, 65.9248, 97.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 217, 247) }
```

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

```
.background{ background-color: rgb(179,  
217, 247) }
```

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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