

Converting Colors

XYZ(58.6020, 63.3000, 92.4764)

Have a look what the booklet for
XYZ(58.6020, 63.3000, 92.4764)
contains.

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Color

**XYZ(58.4767, 63.2616,
92.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D4F1
RGB	181, 212, 241
RGB Percent	71%, 83%, 95%
CMY	0.2902, 0.1686, 0.0549
CMYK	0.25, 0.12, 0.00, 0.05
HSL	209°, 68%, 83%
HSV	209°, 25%, 95%
XYZ	58.4767, 63.2616, 92.3477
YIQ	206.0370, -27.7850, 2.4470

Conversions

Conversions Part 2

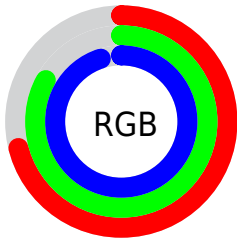
Format	Color
RYB	181, 201, 241
Decimal	11916529
CIELab	83.58, -3.97, -17.63
CIElCh	84, 18.067, 257.318
Yxy	63.2616, 0.2731, 0.2955
Android (android.graphics.Color)	4290106609 (0xFFB5D4F1)
YUV	206.0370, 17.2368, -21.9574
Hunter-Lab	79.5372, -7.9546, -13.1634

Details

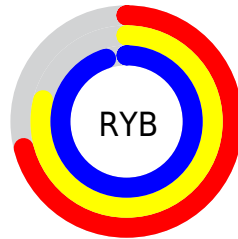
The XYZ color **58.4767, 63.2616, 92.3477** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.6634, 68.1304, 53.3018**, and the grayscale version is **58.5974, 61.6490, 67.1357**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.5663, 32.1288, 50.5421** is the 20% darker color. If you saturate the color by 10%, you get **50.5000, 54.9833, 91.1713**, and if you desaturate by 10%, it is **67.6448, 72.4690, 93.6428**.

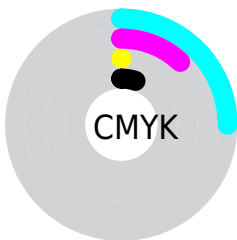
Distribution



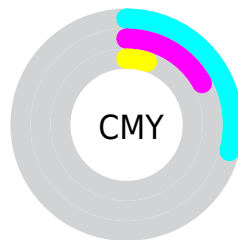
- Red (71%)
- Green (83%)
- Blue (95%)



- Red (71%)
- Yellow (79%)
- Blue (95%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4767, 63.2616, 92.3477 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 58.4767, 63.2616, 92.3477 by changing the saturation by 10% instead.

■ 58.4767, 63.2616,
92.3477

■ 58.4767, 63.2616,
92.3477

408.8852,
436.5183, 556.4045

■ 42.4368, 46.0529,
69.3448

■ 101.7357,
109.5468, 152.5591

■ 29.6360, 32.2875,
50.5191

129.6855,
139.3921, 190.6047

■ 19.7092, 21.5812,
35.4519

162.3359,
174.2184, 234.5015

■ 12.2909, 13.5495,
23.7249

200.0523,
214.4100, 284.6683

■ 7.0157, 7.8080,
14.9194

243.2001,
260.3515, 341.5234

■ 3.5183, 3.9724,
8.6168

292.1446,

■ 1.4334, 1.6581,

312.4270, 405.4855

4.3987

347.2512,
371.0212, 476.9730

■ 0.2799, 0.3963,
1.8465

■ 0.0000, 0.0000,
0.4584

■ 58.4767, 63.2616,
92.3477

■ 58.4767, 63.2616,
92.3477

■ 50.5000, 54.9833,
91.1713

■ 67.6448, 72.4690,
93.6428

■ 43.6542, 47.5917,
90.1054

■ 78.0494, 82.6306,
95.0557

■ 37.8818, 41.0520,
89.1473

■ 89.7403, 93.7795,
96.5915

■ 33.1177, 35.3236,
88.2928

■ 92.8774, 99.1310,
97.4591

■ 29.2885, 30.3616,
87.5368

■ 26.3098, 26.1148,
86.8741

■ 24.0788, 22.5224,
86.2983

■ 23.1512, 20.8985,
86.0337

Harmonies

Analogous

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



55.1265, 63.2616, 86.1346



58.4767, 63.2616, 92.3477



62.4168, 63.2616, 91.7953

Triad

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



58.4767, 63.2616, 92.3477



67.6719, 63.2616, 62.6090



54.7177, 63.2616, 55.1663

Complementary

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



58.4767, 63.2616, 92.3477



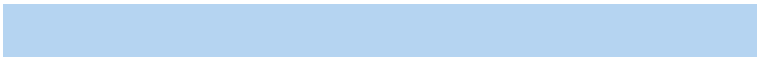
67.6634, 68.1304, 53.3018

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.



57.8963, 63.2616, 50.1377



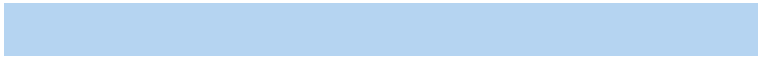
58.4767, 63.2616, 92.3477



65.4238, 63.2616, 54.1007

Square

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



58.4767, 63.2616, 92.3477



67.8440, 63.2616, 73.7662



61.8106, 63.2616, 49.7703



53.0209, 63.2616, 64.2167

Rectangle

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



58.4767, 63.2616, 92.3477



64.8496, 63.2616, 87.6619



61.8106, 63.2616, 49.7703



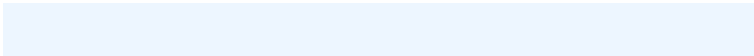
55.6418, 63.2616, 52.9947

Sweetspot

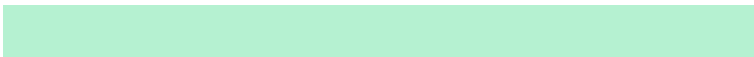
The Sweet Spot groups the original color and five complimentary colors.



58.4786, 63.2641, 92.3491



86.0946, 91.3891, 107.7099



62.0213, 77.3390, 71.9820



18.2697, 19.4077, 23.0331



0.0000, 0.0000, 0.0000



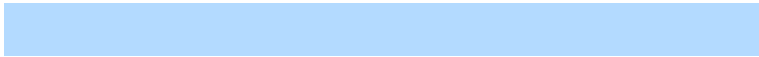
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4786, 63.2641, 92.3491



61.6037, 66.9015, 104.2742



51.8681, 50.0432, 90.1456



15.5728, 16.5798, 20.1010



12.6901, 11.6044, 46.6989



1.1553, 1.1646, 3.9181

Inverse Universe

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



64.6847, 56.5036, 69.7872



69.9186, 58.3635, 73.9290



75.4837, 83.7711, 55.9086



16.1138, 15.8952, 18.1556



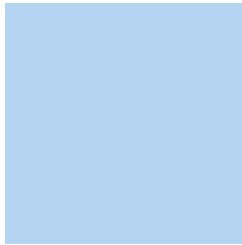
21.7310, 10.9648, 11.7658



1.8581, 0.9323, 1.2436

Previews

White Background



This preview shows how the XYZ color 58.4767, 63.2616, 92.3477 looks on a white background.

Color Contrast Check

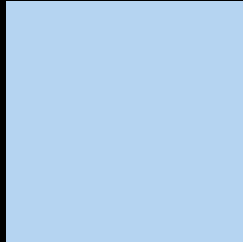
Large Text (above 18pt) WCAG AA × Fail

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 58.4767, 63.2616, 92.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

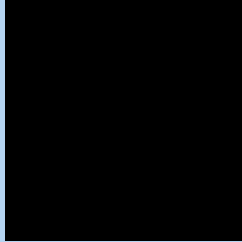
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

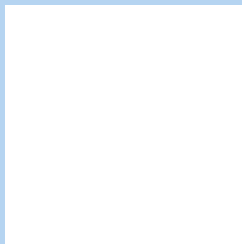
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4767, 63.2616, 92.3477

Background



This preview shows how black text looks on a background with the XYZ color 58.4767, 63.2616, 92.3477.



This preview shows how white text looks on a background with the XYZ color 58.4767, 63.2616,

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

58.4767, 63.2616, 92.3477

Protanopia

61.9860, 62.9535, 89.0050

Deuteranopia

64.3976, 63.0318, 93.5663



Tritanopia

57.0608, 63.4464, 84.8403

Trichromacy



Original Color

58.4767, 63.2616, 92.3477

Protanomaly

60.4942, 62.8869, 89.8389

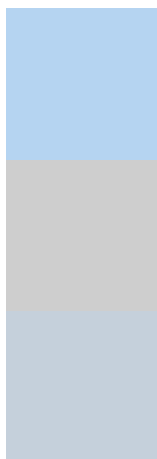
Deuteranomaly

61.9177, 62.8328, 92.8689

Tritanomaly

57.6120, 63.2900, 87.7770

Monochromacy



Original Color

58.4767, 63.2616, 92.3477

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.3680, 62.0965, 75.9273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4767, 63.2616, 92.3477 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(181, 212, 241)` looks like.

```
.text, #text, p{  
    color:rgb(181, 212, 241)  
}
```

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(181, 212, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 212, 241) }
```

Border

The CSS property to change the border of an element to XYZ 58.4767, 63.2616, 92.3477 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(181, 212, 241) }
```


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

```
.border{ border-color:rgb(181, 212, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 212, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(181, 212,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4767, 63.2616, 92.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 212, 241) }
```

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

```
.background{ background-color: rgb(181,  
212, 241) }
```

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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