

Converting Colors

XYZ(58.2618, 63.5231, 92.4095)

Have a look what the booklet for
XYZ(58.2618, 63.5231, 92.4095)
contains.

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Color

**XYZ(58.2618, 63.5231,
92.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D5F1
RGB	179, 213, 241
RGB Percent	70%, 84%, 95%
CMY	0.2980, 0.1647, 0.0549
CMYK	0.26, 0.12, 0.00, 0.05
HSL	207°, 69%, 82%
HSV	207°, 26%, 95%
XYZ	58.2618, 63.5231, 92.4095
YIQ	206.0260, -29.2520, 1.5000

Conversions

Conversions Part 2

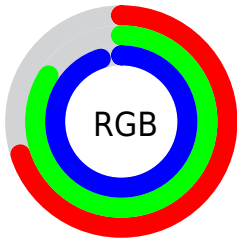
Format	Color
R_{YB}	179, 201, 241
Decimal	11785713
CIE Lab	83.72, -5.08, -17.43
CIE LCh	84, 18.156, 253.757
Yxy	63.5231, 0.2720, 0.2966
Android (android.graphics.Color)	4289975793 (0xFFB3D5F1)
YUV	206.0260, 17.2422, -23.7018
Hunter-Lab	79.7014, -8.9937, -12.9526

Details

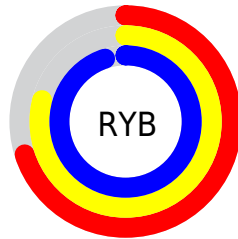
The XYZ color **58.2618, 63.5231, 92.4095** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7258, 66.5813, 51.9839**, and the grayscale version is **58.5910, 61.6423, 67.1284**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.4413, 32.3165, 50.5849** is the 20% darker color. If you saturate the color by 10%, you get **50.5253, 55.6079, 91.2905**, and if you desaturate by 10%, it is **67.1594, 72.3127, 93.6382**.

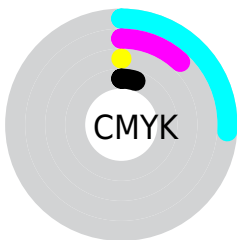
Distribution



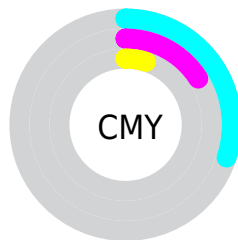
- Red (70%)
- Green (84%)
- Blue (95%)



- Red (70%)
- Yellow (79%)
- Blue (95%)



- Cyan (26%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (30%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2618, 63.5231, 92.4095 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 58.2618, 63.5231, 92.4095 by changing the saturation by 10% instead.

■ 58.2618, 63.5231,
92.4095

■ 58.2618, 63.5231,
92.4095

408.0989,
437.4654, 556.6092

■ 42.2632, 46.2645,
69.3959

■ 101.4248,
109.9238, 152.6454

■ 29.4995, 32.4546,
50.5604

129.3199,
139.8348, 190.7048

■ 19.6052, 21.7090,
35.4846

161.9113,
174.7320, 234.6166

■ 12.2150, 13.6432,
23.7499

199.5642,
214.9998, 284.7992

■ 6.9635, 7.8729,
14.9377

242.6441,
261.0227, 341.6712

■ 3.4854, 4.0138,
8.6295

291.5162,

■ 1.4153, 1.6813,

313.1850, 405.6512

4.4068

346.5461,
371.8711, 477.1576

■ 0.2671, 0.4115,
1.8511

■ 0.0000, 0.0000,
0.4613

■ 58.2618, 63.5231,
92.4095

■ 58.2618, 63.5231,
92.4095

■ 50.5253, 55.6079,
91.2905

■ 67.1594, 72.3127,
93.6382

■ 43.8897, 48.5261,
90.2733

■ 77.2626, 82.0001,
94.9755

■ 38.2981, 42.2445,
89.3556

■ 88.6207, 92.6174,
96.4262

■ 33.6857, 36.7239,
88.5331

■ 92.8774, 99.1310,
97.4591

■ 29.9793, 31.9209,
87.8014

■ 27.0943, 27.7857,
87.1553

■ 24.9269, 24.2585,
86.5887

■ 24.1519, 22.9000,
86.3673

Harmonies

Analogous

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



55.0172, 63.5231, 85.4549



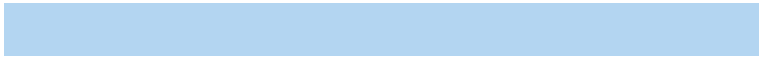
58.2618, 63.5231, 92.4095



62.2147, 63.5231, 92.7083

Triad

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



58.2618, 63.5231, 92.4095



68.1178, 63.5231, 64.0846



55.2382, 63.5231, 54.5150

Complementary

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



58.2618, 63.5231, 92.4095



66.7258, 66.5813, 51.9839

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.



58.5755, 63.5231, 49.9900



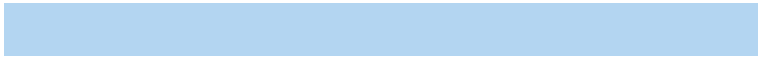
58.2618, 63.5231, 92.4095



66.0736, 63.5231, 55.0907

Square

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



58.2618, 63.5231, 92.4095



68.0248, 63.5231, 75.4780



62.5424, 63.5231, 50.1884



53.3247, 63.5231, 63.2158

Rectangle

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



58.2618, 63.5231, 92.4095



64.7291, 63.5231, 89.0309



62.5424, 63.5231, 50.1884



56.2241, 63.5231, 52.5001

Sweetspot

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



58.2637, 63.5257, 92.4110



85.0703, 90.5967, 107.6110



61.2972, 76.9956, 70.5997



17.8288, 19.0292, 22.9833



0.0000, 0.0000, 0.0000



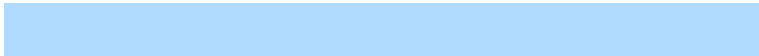
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2637, 63.5257, 92.4110



61.3538, 67.2656, 104.3576



51.2174, 49.4329, 90.0622



15.6158, 16.6658, 20.1154



13.2336, 12.6914, 46.8801



1.2002, 1.2543, 3.9331

Inverse Universe

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



64.4075, 55.7466, 70.3192



69.5817, 57.4215, 74.6433



74.9589, 83.0474, 54.7283



16.1355, 15.9039, 18.2699



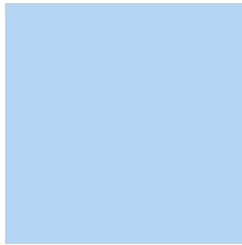
22.0053, 11.0746, 13.2105



1.8807, 0.9413, 1.3628

Previews

White Background



This preview shows how the XYZ color 58.2618, 63.5231, 92.4095 looks on a white background.

Color Contrast Check

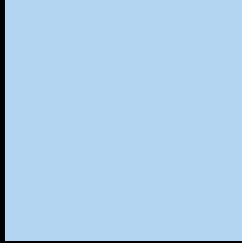
Large Text (above 18pt) WCAG AA × Fail

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 58.2618, 63.5231, 92.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

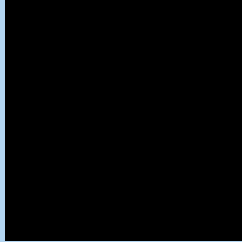
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

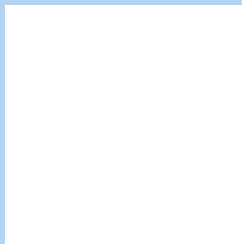
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2618, 63.5231, 92.4095

Background



This preview shows how black text looks on a background with the XYZ color 58.2618, 63.5231, 92.4095.



This preview shows how white text looks on a background with the XYZ color 58.2618, 63.5231,

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

58.2618, 63.5231, 92.4095

Protanopia

62.2275, 63.4366, 89.0855

Deuteranopia

64.6850, 63.1800, 93.5797



Tritanopia

56.9974, 63.7742, 85.6495

Trichromacy



Original Color

58.2618, 63.5231, 92.4095

Protanomaly

60.4812, 63.2433, 89.9084

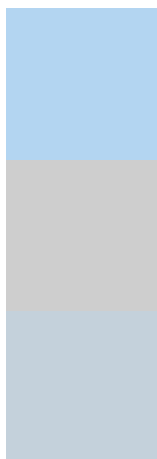
Deuteranomaly

62.1593, 63.3158, 92.9494

Tritanomaly

57.4021, 63.5563, 87.8394

Monochromacy



Original Color

58.2618, 63.5231, 92.4095

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.3516, 62.4512, 75.9967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2618, 63.5231, 92.4095 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, 213, 241)` looks like.

```
.text, #text, p{  
    color:rgb(179, 213, 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(179, 213, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 213, 241) }
```

Border

The CSS property to change the border of an element to XYZ 58.2618, 63.5231, 92.4095 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, 213, 241) }
```


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

```
.border{ border-color:rgb(179, 213, 241) }
```

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

Here you see how a box with a 4 pixel rgb(179, 213, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 213, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 213, 241);  
box-shadow:4px 4px 4px 4px rgb(179, 213,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2618, 63.5231, 92.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 213, 241) }
```

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

```
.background{ background-color: rgb(179,  
213, 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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