

Converting Colors

XYZ(60.0459, 64.6942, 98.1294)

Have a look what the booklet for
XYZ(60.0459, 64.6942, 98.1294)
contains.

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Color

**XYZ(60.0459, 64.6942,
98.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D6F8
RGB	181, 214, 248
RGB Percent	71%, 84%, 97%
CMY	0.2902, 0.1608, 0.0274
CMYK	0.27, 0.14, 0.00, 0.03
HSL	210°, 83%, 84%
HSV	210°, 27%, 97%
XYZ	60.0459, 64.6942, 98.1294
YIQ	208.0090, -30.5820, 3.5780

Conversions

Conversions Part 2

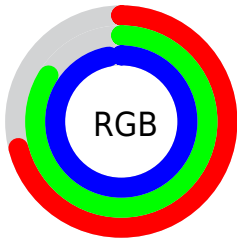
Format	Color
R _Y B	181, 203, 248
Decimal	11917048
CIE Lab	84.33, -3.41, -20.21
CIE LCh	84, 20.497, 260.418
Yxy	64.6942, 0.2694, 0.2903
Android (android.graphics.Color)	4290107128 (0xFFB5D6F8)
YUV	208.0090, 19.7156, -23.6869
Hunter-Lab	80.4327, -7.5006, -16.0320

Details

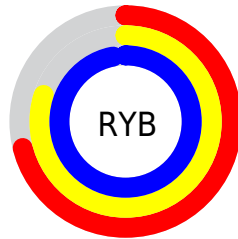
The XYZ color **60.0459, 64.6942, 98.1294** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.3532, 71.8941, 53.8340**, and the grayscale version is **59.8521, 62.9691, 68.5734**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.6650, 33.1141, 54.6446** is the 20% darker color. If you saturate the color by 10%, you get **51.6777, 55.8349, 96.8615**, and if you desaturate by 10%, it is **69.6992, 74.5845, 99.5307**.

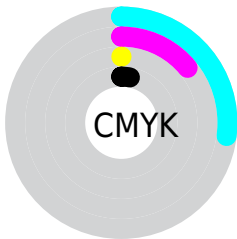
Distribution



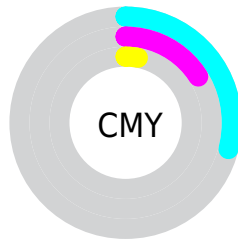
- Red (71%)
- Green (84%)
- Blue (97%)



- Red (71%)
- Yellow (80%)
- Blue (97%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0459, 64.6942, 98.1294 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 60.0459, 64.6942, 98.1294 by changing the saturation by 10% instead.

■ 60.0459, 64.6942,
98.1294

■ 60.0459, 64.6942,
98.1294

414.5990,
441.6922, 575.3739

■ 43.7052, 47.2132,
74.1311

■ 104.0022,
111.6101, 160.6136

■ 30.6358, 33.2042,
54.4039

132.3486,
141.8137, 199.9365

■ 20.4721, 22.2829,
38.5293

165.4275,
177.0270, 245.2047

■ 12.8489, 14.0649,
26.0887

203.6045,
217.6344, 296.8367

■ 7.4009, 8.1658,
16.6637

247.2447,
264.0202, 355.2511

■ 3.7626, 4.2013,
9.8356

296.7137,

■ 1.5687, 1.7868,

316.5689, 420.8664

5.1859

352.3766,
375.6647, 494.1012

■ 0.3719, 0.4789,
2.2961

■ 0.0000, 0.0000,
0.7290

■ 60.0459, 64.6942,
98.1294

■ 60.0459, 64.6942,
98.1294

■ 51.6777, 55.8349,
96.8615

■ 69.6992, 74.5845,
99.5307

■ 44.5283, 47.9593,
95.7182

■ 80.6878, 85.5348,
101.0652

■ 38.5338, 41.0278,
94.6962

■ 92.9178, 97.5060,
102.7313

■ 33.6219, 34.9941,
93.7905

■ 93.9435, 99.5574,
103.0732

■ 29.7108, 29.8070,
92.9954

■ 26.7055, 25.4078,
92.3047

■ 24.4859, 21.7247,
91.7108

■ 23.9223, 20.7351,
91.5494

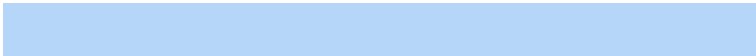
Harmonies

Analogous

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



56.0853, 64.6942, 91.5561



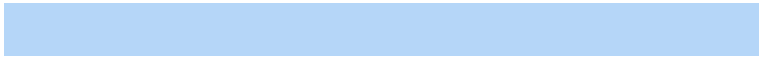
60.0459, 64.6942, 98.1294



64.5909, 64.6942, 96.6108

Triad

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



60.0459, 64.6942, 98.1294



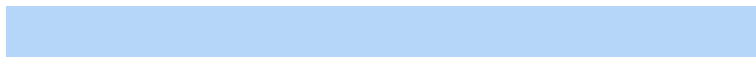
70.0534, 64.6942, 62.0614



54.9944, 64.6942, 55.6599

Complementary

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



60.0459, 64.6942, 98.1294



71.3532, 71.8941, 53.8340

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.



58.4898, 64.6942, 49.4833



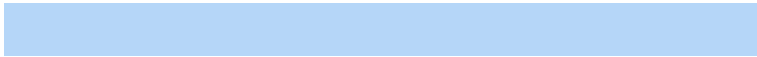
60.0459, 64.6942, 98.1294



67.2310, 64.6942, 52.8508

Square

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



60.0459, 64.6942, 98.1294



70.5205, 64.6942, 74.6920



62.9569, 64.6942, 48.5224



53.2651, 64.6942, 66.3544

Rectangle

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



60.0459, 64.6942, 98.1294



67.3347, 64.6942, 91.2768



62.9569, 64.6942, 48.5224



55.9935, 64.6942, 53.0449

Sweetspot

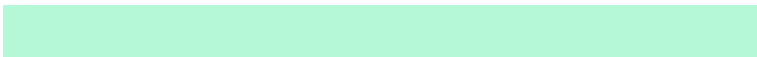
The Sweet Spot groups the original color and five complimentary colors.



60.0479, 64.6968, 98.1309



84.7251, 89.9064, 107.4959



64.8265, 81.8405, 76.3352



17.7419, 18.8554, 22.9543



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.



60.0479, 64.6968, 98.1309



59.3160, 64.0375, 103.8419



52.5248, 49.6506, 95.6232



16.9891, 18.0550, 21.9748



13.0625, 11.4805, 49.5011



1.3157, 1.2750, 4.6199

Inverse Universe

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



67.3745, 57.8610, 71.2384



68.3461, 56.1351, 70.5793



80.6205, 90.4286, 56.9231



17.6010, 17.3678, 19.7547



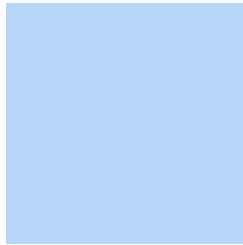
22.8854, 11.5699, 11.3707



2.1730, 1.0929, 1.3345

Previews

White Background



This preview shows how the XYZ color 60.0459, 64.6942, 98.1294 looks on a white background.

Color Contrast Check

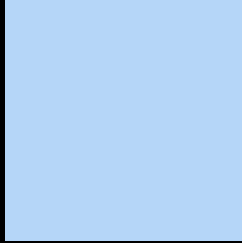
Large Text (above 18pt) WCAG AA × Fail

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 60.0459, 64.6942, 98.1294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

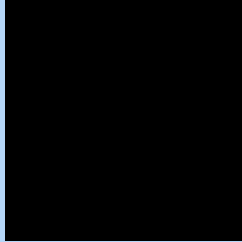
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

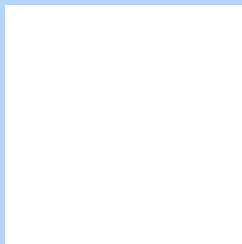
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0459, 64.6942, 98.1294

Background



This preview shows how black text looks on a background with the XYZ color 60.0459, 64.6942, 98.1294.

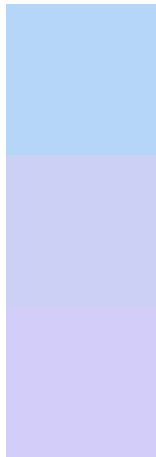


This preview shows how white text looks on a background with the XYZ color 60.0459, 64.6942,

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

60.0459, 64.6942, 98.1294

Protanopia

63.5136, 64.3399, 94.6593

Deuteranopia

65.9506, 64.4137, 99.3996



Tritanopia

57.7672, 64.5172, 87.2503

Trichromacy



Original Color

60.0459, 64.6942, 98.1294

Protanomaly

62.0337, 64.2879, 95.5255

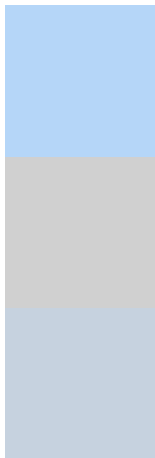
Deuteranomaly

63.4742, 64.2307, 98.6748

Tritanomaly

58.4708, 64.4166, 91.0133

Monochromacy



Original Color

60.0459, 64.6942, 98.1294

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6546, 63.4267, 78.9105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0459, 64.6942, 98.1294 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, 214, 248)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 248)  
}
```

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, 214, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.0459, 64.6942, 98.1294 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, 214, 248) }
```


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

```
.border{ border-color:rgb(181, 214, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 248);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0459, 64.6942, 98.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 248) }
```

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

```
.background{ background-color: rgb(181,  
214, 248) }
```

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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