

Converting Colors

XYZ(59.9492, 64.2518, 98.8647)

Have a look what the booklet for
XYZ(59.9492, 64.2518, 98.8647)
contains.

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Color

**XYZ(59.9492, 64.2518,
98.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D5F9
RGB	181, 213, 249
RGB Percent	71%, 84%, 98%
CMY	0.2902, 0.1647, 0.0235
CMYK	0.27, 0.14, 0.00, 0.02
HSL	212°, 85%, 84%
HSV	212°, 27%, 98%
XYZ	59.9492, 64.2518, 98.8647
YIQ	207.5360, -30.6280, 4.4120

Conversions

Conversions Part 2

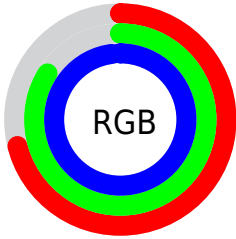
Format	Color
R _Y B	181, 203, 249
Decimal	11916793
CIE Lab	84.10, -2.65, -21.09
CIE LCh	84, 21.254, 262.826
Yxy	64.2518, 0.2688, 0.2880
Android (android.graphics.Color)	4290106873 (0xFFB5D5F9)
YUV	207.5360, 20.4418, -23.2721
Hunter-Lab	80.1572, -6.7758, -17.0173

Details

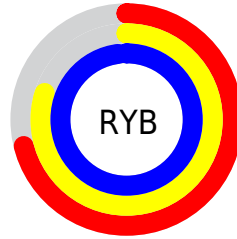
The XYZ color **59.9492, 64.2518, 98.8647** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.2212, 73.1023, 54.0215**, and the grayscale version is **59.5418, 62.6426, 68.2178**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.4937, 32.7715, 54.5875** is the 20% darker color. If you saturate the color by 10%, you get **51.4425, 55.1442, 97.5562**, and if you desaturate by 10%, it is **69.7728, 74.4415, 100.3148**.

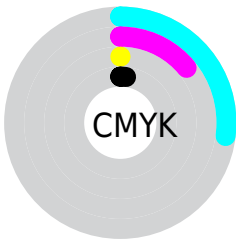
Distribution



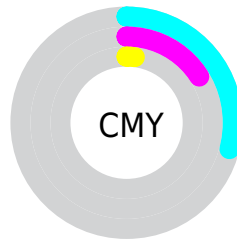
- Red (71%)
- Green (84%)
- Blue (98%)



- Red (71%)
- Yellow (80%)
- Blue (98%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9492, 64.2518, 98.8647 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 59.9492, 64.2518, 98.8647 by changing the saturation by 10% instead.

■ 59.9492, 64.2518,
98.8647

■ 59.9492, 64.2518,
98.8647

414.2482,
440.0984, 577.7622

■ 43.6270, 46.8546,
74.7411

■ 103.8627,
110.9735, 161.6344

■ 30.5740, 32.9208,
54.9004

132.1848,
141.0668, 201.1176

■ 20.4249, 22.0658,
38.9239

165.2375,
176.1610, 246.5578

■ 12.8144, 13.9052,
26.3932

203.3862,
216.6404, 298.3735

■ 7.3770, 8.0548,
16.8896

246.9963,
262.8895, 356.9832

■ 3.7474, 4.1300,
9.9947

296.4331,

■ 1.5602, 1.7466,

315.2925, 422.8056

5.2899

352.0619,
374.2340, 496.2590

■ 0.3663, 0.4535,
2.3566

■ 0.0000, 0.0000,
0.7627

■ 59.9492, 64.2518,
98.8647

■ 59.9492, 64.2518,
98.8647

■ 51.4425, 55.1442,
97.5562

■ 69.7728, 74.4415,
100.3148

■ 44.1848, 47.0695,
96.3801

■ 80.9650, 85.7444,
101.9066

■ 38.1107, 39.9858,
95.3330

■ 93.3223, 98.0661,
103.6336

■ 33.1459, 33.8446,
94.4093

■ 94.0991, 99.6196,
103.8926

■ 29.2067, 28.5920,
93.6031

■ 26.1956, 24.1667,
92.9076

■ 23.9878, 20.4925,
92.3148

■ 23.4818, 19.6050,
92.1701

Harmonies

Analogous

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



55.7769, 64.2518, 92.6410



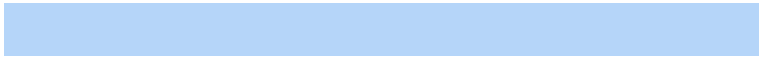
59.9492, 64.2518, 98.8647



64.6378, 64.2518, 96.5883

Triad

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



59.9492, 64.2518, 98.8647



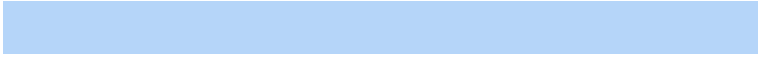
69.7710, 64.2518, 60.4040



54.1569, 64.2518, 55.4749

Complementary

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



59.9492, 64.2518, 98.8647



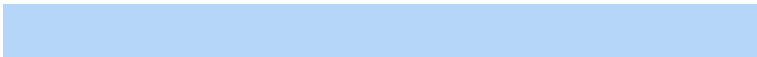
72.2212, 73.1023, 54.0215

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.



57.6349, 64.2518, 48.7383



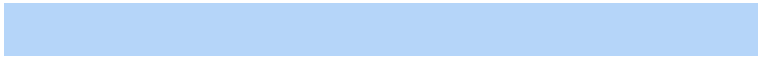
59.9492, 64.2518, 98.8647



66.6866, 64.2518, 51.3194

Square

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



59.9492, 64.2518, 98.8647



70.4685, 64.2518, 73.2372



62.2035, 64.2518, 47.3207



52.5456, 64.2518, 66.7807

Rectangle

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



59.9492, 64.2518, 98.8647



67.4120, 64.2518, 90.6797



62.2035, 64.2518, 47.3207



55.1377, 64.2518, 52.6633

Sweetspot

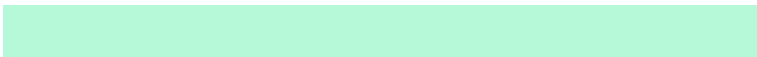
The Sweet Spot groups the original color and five complimentary colors.



59.9512, 64.2544, 98.8662



84.5901, 89.6363, 107.4509



65.3451, 82.5412, 77.5457



17.7079, 18.7874, 22.9430



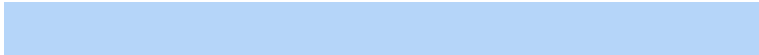
0.0000, 0.0000, 0.0000



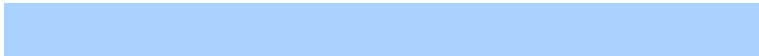
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9512, 64.2544, 98.8662



57.9703, 62.1779, 103.5539



52.9473, 49.8504, 96.4551



16.9566, 17.9900, 21.9640



12.7089, 10.7734, 49.3832



1.2822, 1.2081, 4.6088

Inverse Universe

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



67.6027, 57.9934, 70.5843



67.4639, 55.0049, 68.3298



80.8815, 91.0208, 57.0237



17.5846, 17.3612, 19.6684



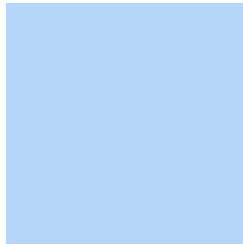
22.7069, 11.4985, 10.4309



2.1561, 1.0862, 1.2456

Previews

White Background



This preview shows how the XYZ color 59.9492, 64.2518, 98.8647 looks on a white background.

Color Contrast Check

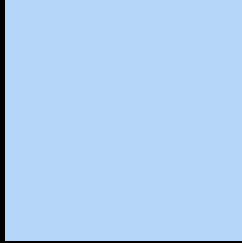
Large Text (above 18pt) WCAG AA × Fail

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 59.9492, 64.2518, 98.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

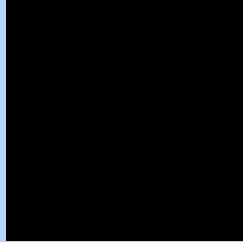
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

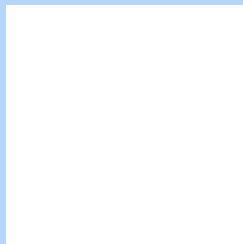
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9492, 64.2518, 98.8647

Background



This preview shows how black text looks on a background with the XYZ color 59.9492, 64.2518, 98.8647.



This preview shows how white text looks on a background with the XYZ color 59.9492, 64.2518,

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

59.9492, 64.2518, 98.8647

Protanopia

63.3944, 64.2609, 95.4485

Deuteranopia

65.5384, 64.1830, 100.2011



Tritanopia

57.6239, 64.4599, 86.4957

Trichromacy



Original Color

59.9492, 64.2518, 98.8647

Protanomaly

61.9293, 64.2163, 96.3197

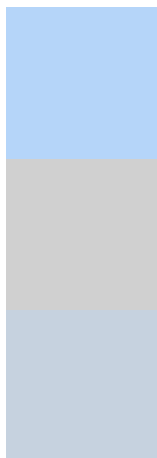
Deuteranomaly

63.3644, 64.1560, 99.4862

Tritanomaly

58.4708, 64.4166, 91.0133

Monochromacy



Original Color

59.9492, 64.2518, 98.8647

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 59.9492, 64.2518, 98.8647 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, 213, 249)` looks like.

```
.text, #text, p{  
    color:rgb(181, 213, 249)  
}
```

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, 213, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 213, 249) }
```

Border

The CSS property to change the border of an element to XYZ 59.9492, 64.2518, 98.8647 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, 213, 249) }
```


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

```
.border{ border-color:rgb(181, 213, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 213, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 213, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 213, 249);  
box-shadow:4px 4px 4px 4px rgb(181, 213,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9492, 64.2518, 98.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 213, 249) }
```

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

```
.background{ background-color: rgb(181,  
213, 249) }
```

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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