

Converting Colors

XYZ(58.4976, 62.1629, 98.6047)

Have a look what the booklet for
XYZ(58.4976, 62.1629, 98.6047)
contains.

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Color

**XYZ(58.4898, 62.0242,
98.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D1F9
RGB	179, 209, 249
RGB Percent	70%, 82%, 98%
CMY	0.2980, 0.1804, 0.0235
CMYK	0.28, 0.16, 0.00, 0.02
HSL	214°, 85%, 84%
HSV	214°, 28%, 98%
XYZ	58.4898, 62.0242, 98.5117
YIQ	204.5900, -30.7200, 6.0800

Conversions

Conversions Part 2

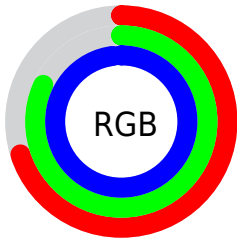
Format	Color
R _Y B	179, 200, 249
Decimal	11784697
CIE Lab	82.93, -1.12, -22.87
CIE LCh	83, 22.902, 267.203
Yxy	62.0242, 0.2670, 0.2832
Android (android.graphics.Color)	4289974777 (0xFFB3D1F9)
YUV	204.5900, 21.8941, -22.4424
Hunter-Lab	78.7554, -5.2543, -19.0344

Details

The XYZ color **58.4898, 62.0242, 98.5117** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.5361, 74.0582, 53.1213**, and the grayscale version is **57.6491, 60.6513, 66.0493**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.6932, 31.6084, 54.4052** is the 20% darker color. If you saturate the color by 10%, you get **49.9101, 52.6497, 97.1555**, and if you desaturate by 10%, it is **68.4243, 72.5629, 100.0233**.

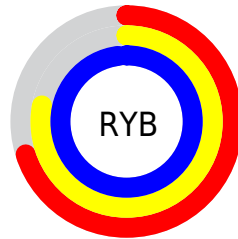
Distribution



Red (70%)

Green (82%)

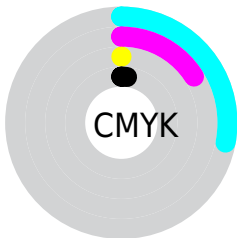
Blue (98%)



Red (70%)

Yellow (78%)

Blue (98%)

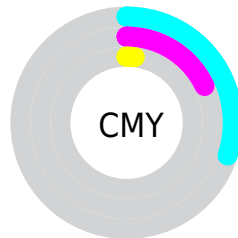


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (30%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4898, 62.0242, 98.5117 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 58.4898, 62.0242, 98.5117 by changing the saturation by 10% instead.

■ 58.4898, 62.0242,
98.5117

■ 58.4898, 62.0242,
98.5117

408.9331,
432.0194, 576.6163

■ 42.4473, 45.0523,
74.4482

■ 101.7547,
107.7605, 161.1444

■ 29.6444, 31.4986,
54.6620

129.7077,
137.2937, 200.5507

■ 19.7155, 20.9788,
38.7344

162.3618,
171.7827, 245.9084

■ 12.2955, 13.1085,
26.2469

200.0820,
211.6119, 297.6360

■ 7.0189, 7.5033,
16.7810

243.2340,
257.1658, 356.1521

■ 3.5203, 3.7788,
9.9182

292.1829,

■ 1.4345, 1.5506,

308.8288, 421.8751

5.2399

347.2941,
366.9851, 495.2237

■ 0.2806, 0.3240,
2.3275

■ 0.0000, 0.0000,
0.7466

■ 58.4898, 62.0242,
98.5117

■ 58.4898, 62.0242,
98.5117

■ 49.9101, 52.6497,
97.1555

■ 68.4243, 72.5629,
100.0233

■ 42.6153, 44.3868,
95.9451

■ 79.7672, 84.3006,
101.6911

■ 36.5377, 37.1897,
94.8762

■ 92.5765, 97.2799,
103.5212

■ 31.6003, 31.0054,
93.9428

■ 94.0991, 99.6196,
103.8926

■ 27.7164, 25.7757,
93.1380

■ 24.7850, 21.4338,
92.4545

■ 22.6701, 17.8944,
91.8827

■ 22.3277, 17.2968,
91.7854

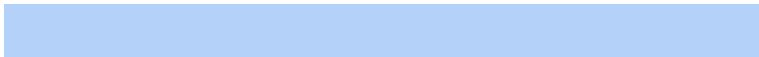
Harmonies

Analogous

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



53.9552, 62.0242, 93.0789



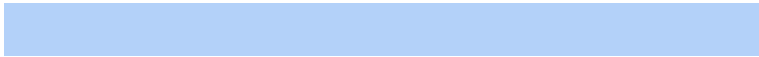
58.4898, 62.0242, 98.5117



63.4018, 62.0242, 94.7328

Triad

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



58.4898, 62.0242, 98.5117



67.8102, 62.0242, 55.8457



51.3227, 62.0242, 53.8443

Complementary

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



58.4898, 62.0242, 98.5117



72.5361, 74.0582, 53.1213

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.



54.7157, 62.0242, 46.1135



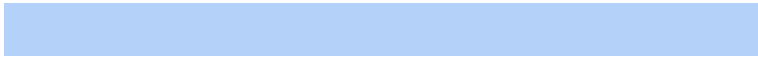
58.4898, 62.0242, 98.5117



64.2484, 62.0242, 47.1506

Square

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



58.4898, 62.0242, 98.5117



68.9575, 62.0242, 68.8701



59.4169, 62.0242, 43.8438



49.9646, 62.0242, 66.2149

Rectangle

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



58.4898, 62.0242, 98.5117



66.2002, 62.0242, 87.7533



59.4169, 62.0242, 43.8438



52.2534, 62.0242, 50.6864

Sweetspot

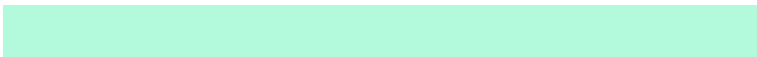
The Sweet Spot groups the original color and five complimentary colors.



58.4918, 62.0267, 98.5131



84.3324, 89.1210, 107.3650



65.2099, 82.4334, 79.2638



17.6431, 18.6579, 22.9214



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.



58.4918, 62.0267, 98.5131



56.2037, 59.4604, 103.1225



52.9081, 49.2309, 96.3376



16.8947, 17.8663, 21.9434



12.0860, 9.5275, 49.1755



1.2222, 1.0881, 4.5888

Inverse Universe

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



66.6973, 56.9852, 67.8081



66.3730, 53.8061, 64.9359



79.4376, 90.3001, 55.8925



17.5534, 17.3487, 19.5040



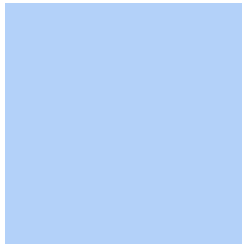
22.3925, 11.3727, 8.7751



2.1258, 1.0741, 1.0861

Previews

White Background



This preview shows how the XYZ color 58.4898, 62.0242, 98.5117 looks on a white background.

Color Contrast Check

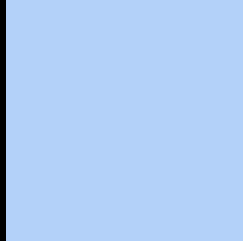
Large Text (above 18pt) WCAG AA × Fail

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 58.4898, 62.0242, 98.5117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

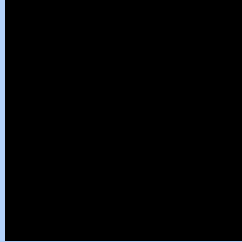
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

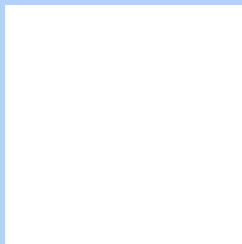
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4898, 62.0242, 98.5117

Background



This preview shows how black text looks on a background with the XYZ color 58.4898, 62.0242, 98.5117.



This preview shows how white text looks on a background with the XYZ color 58.4898, 62.0242,

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

58.4898, 62.0242, 98.5117

Protanopia

61.2534, 61.7099, 95.8716

Deuteranopia

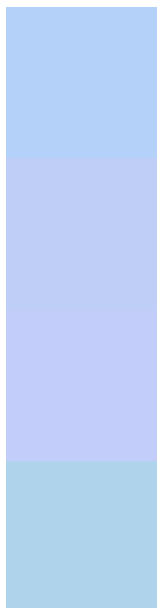
63.4350, 62.0435, 99.8990



Tritanopia

55.3655, 61.8581, 83.1505

Trichromacy



Original Color

58.4898, 62.0242, 98.5117

Protanomaly

60.0950, 61.8052, 96.7579

Deuteranomaly

61.5923, 62.1669, 99.1956

Tritanomaly

56.3391, 61.8748, 88.3305

Monochromacy



Original Color

58.4898, 62.0242, 98.5117

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8874, 61.0988, 77.1489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4898, 62.0242, 98.5117 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, 209, 249)` looks like.

```
.text, #text, p{  
    color:rgb(179, 209, 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(179, 209, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 209, 249) }
```

Border

The CSS property to change the border of an element to XYZ 58.4898, 62.0242, 98.5117 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, 209, 249) }
```


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

```
.border{ border-color:rgb(179, 209, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 209, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 209, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 209, 249);  
box-shadow:4px 4px 4px 4px rgb(179, 209,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4898, 62.0242, 98.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 209, 249) }
```

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

```
.background{ background-color: rgb(179,  
209, 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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