

Converting Colors

XYZ(60.3819, 64.9403, 97.9045)

Have a look what the booklet for
XYZ(60.3819, 64.9403, 97.9045)
contains.

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Color

**XYZ(60.2812, 64.8155,
98.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D6F8
RGB	182, 214, 248
RGB Percent	71%, 84%, 97%
CMY	0.2863, 0.1608, 0.0274
CMYK	0.27, 0.14, 0.00, 0.03
HSL	211°, 83%, 84%
HSV	211°, 27%, 97%
XYZ	60.2812, 64.8155, 98.1404
YIQ	208.3080, -29.9860, 3.7900

Conversions

Conversions Part 2

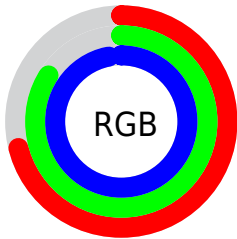
Format	Color
R_{YB}	182, 204, 248
Decimal	11982584
CIE _{Lab}	84.39, -3.12, -20.11
CIE _{LCh}	84, 20.351, 261.174
Yxy	64.8155, 0.2700, 0.2903
Android (android.graphics.Color)	4290172664 (0xFFB6D6F8)
YUV	208.3080, 19.5682, -23.0721
Hunter-Lab	80.5081, -7.2355, -15.9196

Details

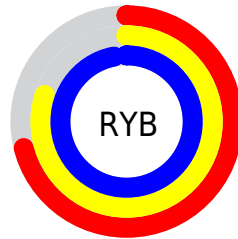
The XYZ color **60.2812, 64.8155, 98.1404** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.7116, 72.4460, 54.4614**, and the grayscale version is **60.0465, 63.1736, 68.7961**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.8147, 33.1912, 54.6516** is the 20% darker color. If you saturate the color by 10%, you get **51.8278, 55.8461, 96.8558**, and if you desaturate by 10%, it is **70.0294, 74.8319, 99.5611**.

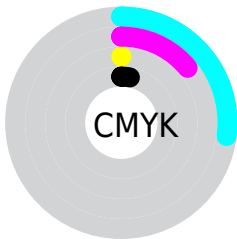
Distribution



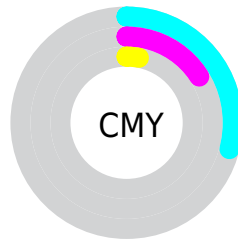
- Red (71%)
- Green (84%)
- Blue (97%)



- 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 60.2812, 64.8155, 98.1404 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 60.2812, 64.8155, 98.1404 by changing the saturation by 10% instead.

■ 60.2812, 64.8155,
98.1404

■ 60.2812, 64.8155,
98.1404

415.4516,
442.1287, 575.4097

■ 43.8957, 47.3115,
74.1402

■ 104.3415,
111.7846, 160.6288

■ 30.7860, 33.2820,
54.4113

132.7470,
142.0184, 199.9542

■ 20.5870, 22.3425,
38.5352

165.8898,
177.2643, 245.2249

■ 12.9332, 14.1088,
26.0933

204.1353,
217.9067, 296.8597

■ 7.4592, 8.1964,
16.6670

247.8489,
264.3299, 355.2771

■ 3.7998, 4.2209,
9.8379

297.3959,

■ 1.5895, 1.7979,

316.9184, 420.8955

5.1874

353.1417,
376.0565, 494.1335

■ 0.3856, 0.4858,
2.2970

■ 0.0000, 0.0000,
0.7295

■ 60.2812, 64.8155,
98.1404

■ 60.2812, 64.8155,
98.1404

■ 51.8278, 55.8461,
96.8558

■ 70.0294, 74.8319,
99.5611

■ 44.6027, 47.8762,
95.6982

■ 81.1226, 85.9249,
101.1176

■ 38.5421, 40.8656,
94.6645

■ 93.0974, 97.8653,
102.7911

■ 33.5735, 34.7677,
93.7493

■ 93.9435, 99.5574,
103.0732

■ 29.6155, 29.5309,
92.9471

■ 26.5732, 25.0962,
92.2515

■ 24.3291, 21.3924,
91.6549

■ 23.6901, 20.2707,
91.4720

Harmonies

Analogous

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



56.3148, 64.8155, 91.7971



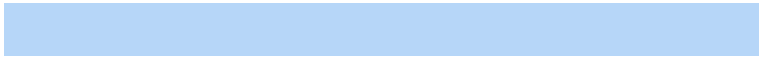
60.2812, 64.8155, 98.1404



64.7985, 64.8155, 96.4238

Triad

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



60.2812, 64.8155, 98.1404



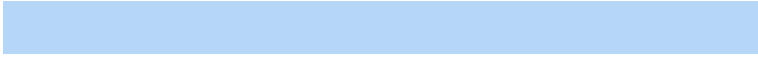
70.0711, 64.8155, 61.9578



55.0787, 64.8155, 56.0883

Complementary

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



60.2812, 64.8155, 98.1404



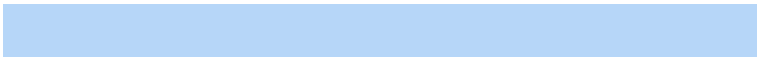
71.7116, 72.4460, 54.4614

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.



58.5186, 64.8155, 49.8124



60.2812, 64.8155, 98.1404



67.2169, 64.8155, 52.9018

Square

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



60.2812, 64.8155, 98.1404



70.5997, 64.8155, 74.4617



62.9484, 64.8155, 48.7217



53.4090, 64.8155, 66.8222

Rectangle

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



60.2812, 64.8155, 98.1404



67.5066, 64.8155, 91.0177



62.9484, 64.8155, 48.7217



56.0581, 64.8155, 53.4450

Sweetspot

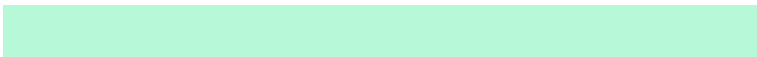
The Sweet Spot groups the original color and five complimentary colors.



60.2832, 64.8181, 98.1419



84.6778, 89.8117, 107.4801



65.1259, 81.9875, 76.6841



17.7300, 18.8316, 22.9503



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.



60.2832, 64.8181, 98.1419



59.1579, 63.7214, 103.7892



52.9641, 50.1799, 95.7022



16.9777, 18.0322, 21.9710



12.9365, 11.2285, 49.4590



1.3038, 1.2512, 4.6160

Inverse Universe

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



67.5786, 58.2691, 71.3064



68.2663, 56.1032, 70.1592



80.7235, 90.4698, 57.4654



17.5953, 17.3655, 19.7245



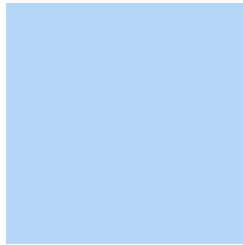
22.8218, 11.5444, 11.0357



2.1670, 1.0905, 1.3029

Previews

White Background



This preview shows how the XYZ color 60.2812, 64.8155, 98.1404 looks on a white background.

Color Contrast Check

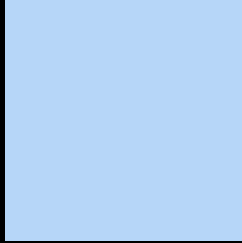
Large Text (above 18pt) WCAG AA × Fail

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 60.2812, 64.8155, 98.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

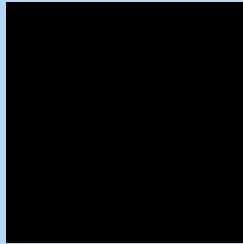
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

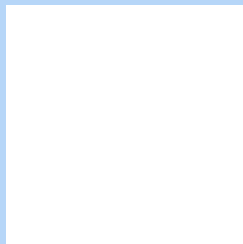
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2812, 64.8155, 98.1404

Background



This preview shows how black text looks on a background with the XYZ color 60.2812, 64.8155, 98.1404.



This preview shows how white text looks on a background with the XYZ color 60.2812, 64.8155,

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

60.2812, 64.8155, 98.1404

Protanopia

63.5136, 64.3399, 94.6593

Deuteranopia

65.9506, 64.4137, 99.3996



Tritanopia

57.9976, 64.6360, 87.2611

Trichromacy



Original Color

60.2812, 64.8155, 98.1404

Protanomaly

62.0337, 64.2879, 95.5255

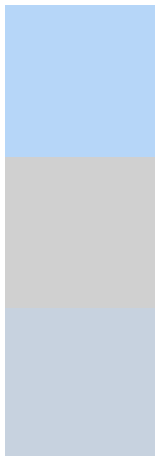
Deuteranomaly

63.4742, 64.2307, 98.6748

Tritanomaly

58.7028, 64.5362, 91.0241

Monochromacy



Original Color

60.2812, 64.8155, 98.1404

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9191, 63.5630, 78.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2812, 64.8155, 98.1404 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(182, 214, 248)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 214, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.2812, 64.8155, 98.1404 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(182, 214, 248) }
```


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

```
.border{ border-color:rgb(182, 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(182, 214, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 248);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2812, 64.8155, 98.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 214, 248) }
```

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

```
.background{ background-color: rgb(182,  
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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