

Converting Colors

XYZ(60.9140, 64.4405, 98.2662)

Have a look what the booklet for
XYZ(60.9140, 64.4405, 98.2662)
contains.

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Color

**XYZ(60.7365, 64.3034,
98.0176)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD4F8
RGB	186, 212, 248
RGB Percent	73%, 83%, 97%
CMY	0.2706, 0.1686, 0.0274
CMYK	0.25, 0.15, 0.00, 0.03
HSL	215°, 82%, 85%
HSV	215°, 25%, 97%
XYZ	60.7365, 64.3034, 98.0176
YIQ	208.3300, -27.0520, 5.6840

Conversions

Conversions Part 2

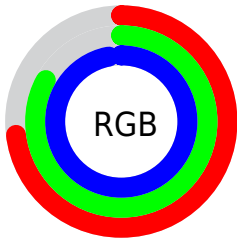
Format	Color
RYB	186, 204, 248
Decimal	12244216
CIELab	84.12, -0.90, -20.49
CIELCh	84, 20.506, 267.482
Yxy	64.3034, 0.2723, 0.2883
Android (android.graphics.Color)	4290434296 (0xFFBAD4F8)
YUV	208.3300, 19.5573, -19.5834
Hunter-Lab	80.1894, -5.1332, -16.3391

Details

The XYZ color **60.7365, 64.3034, 98.0176** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.6965, 75.7447, 57.1921**, and the grayscale version is **60.0595, 63.1873, 68.8110**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **31.2570, 33.1650, 54.6232** is the 20% darker color. If you saturate the color by 10%, you get **51.7863, 54.5834, 96.6142**, and if you desaturate by 10%, it is **71.0574, 75.2097, 99.5798**.

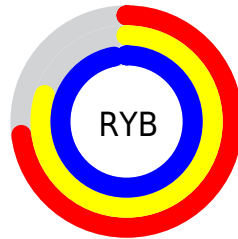
Distribution



Red (73%)

Green (83%)

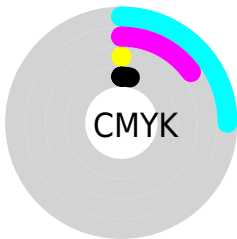
Blue (97%)



Red (73%)

Yellow (80%)

Blue (97%)

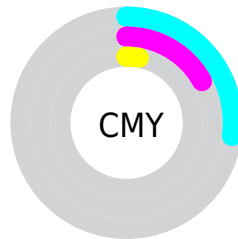


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7365, 64.3034, 98.0176 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 60.7365, 64.3034, 98.0176 by changing the saturation by 10% instead.

■ 60.7365, 64.3034,
98.0176

■ 60.7365, 64.3034,
98.0176

417.0986,
440.2845, 575.0103

■ 44.2643, 46.8965,
74.0384

■ 104.9976,
111.0478, 160.4583

■ 31.0771, 32.9538,
54.3285

133.5172,
141.1540, 199.7568

■ 20.8097, 22.0911,
38.4694

166.7833,
176.2621, 244.9988

■ 13.0966, 13.9238,
26.0425

205.1612,
216.7564, 296.6029

■ 7.5726, 8.0677,
16.6294

249.0163,
263.0214, 354.9875

■ 3.8722, 4.1383,
9.8115

298.7140,

■ 1.6301, 1.7512,

315.4415, 420.5713

5.1702

354.6197,
374.4011, 493.7727

■ 0.4119, 0.4565,
2.2870

■ 0.0000, 0.0000,
0.7239

■ 60.7365, 64.3034,
98.0176

■ 60.7365, 64.3034,
98.0176

■ 51.7863, 54.5834,
96.6142

■ 71.0574, 75.2097,
99.5798

■ 44.1383, 45.9973,
95.3601

■ 82.8010, 87.3364,
101.3016

■ 37.7271, 38.5000,
94.2509

■ 93.9435, 99.5574,
103.0732

■ 32.4784, 32.0399,
93.2806

■ 28.3094, 26.5600,
92.4426

■ 25.1246, 21.9962,
91.7295

■ 22.8081, 18.2730,
91.1330

■ 21.8946, 16.6796,
90.8736

Harmonies

Analogous

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



56.5537, 64.3034, 93.2325



60.7365, 64.3034, 98.0176



65.2277, 64.3034, 94.5656

Triad

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



60.7365, 64.3034, 98.0176



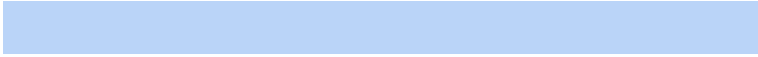
69.1779, 64.3034, 59.1210



54.0625, 64.3034, 57.4409

Complementary

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



60.7365, 64.3034, 98.0176



73.6965, 75.7447, 57.1921

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.



57.1856, 64.3034, 50.1308



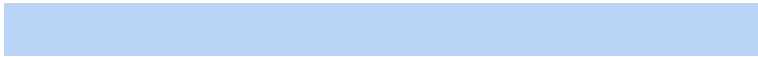
60.7365, 64.3034, 98.0176



65.9225, 64.3034, 51.0132

Square

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



60.7365, 64.3034, 98.0176



70.2419, 64.3034, 71.1174



61.5020, 64.3034, 47.9297



52.8213, 64.3034, 68.9250

Rectangle

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



60.7365, 64.3034, 98.0176



67.7674, 64.3034, 88.2679



61.5020, 64.3034, 47.9297



54.9193, 64.3034, 54.4705

Sweetspot

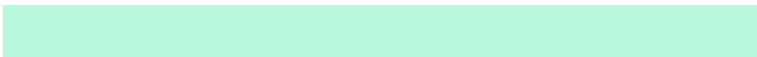
The Sweet Spot groups the original color and five complimentary colors.



60.7385, 64.3060, 98.0191



85.5676, 90.3351, 107.5343



66.8875, 82.8028, 80.9585



18.1477, 19.1637, 22.9924



0.0000, 0.0000, 0.0000



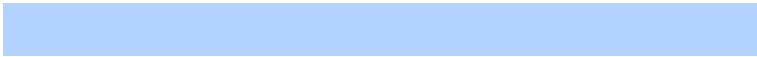
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7385, 64.3060, 98.0191



59.7158, 63.1258, 103.6449



55.7723, 52.8613, 96.0718



16.8812, 17.8393, 21.9389



11.9587, 9.2730, 49.1331



1.2098, 1.0632, 4.5846

Inverse Universe

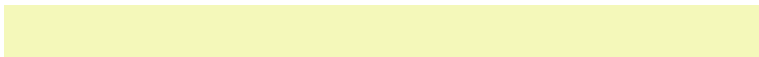
The Inverse Universe completely reimagines the original color for something new.



68.1556, 59.8295, 70.2462



68.9657, 57.9824, 68.9111



79.6936, 89.8905, 59.6064



17.5466, 17.3460, 19.4680



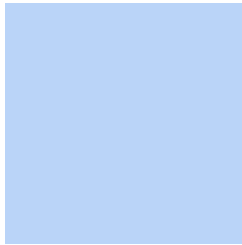
22.3282, 11.3470, 8.4368



2.1195, 1.0716, 1.0530

Previews

White Background



This preview shows how the XYZ color 60.7365, 64.3034, 98.0176 looks on a white background.

Color Contrast Check

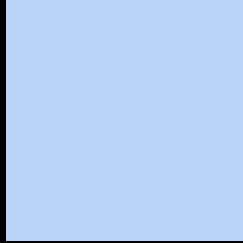
Large Text (above 18pt) WCAG AA × Fail

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 60.7365, 64.3034, 98.0176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

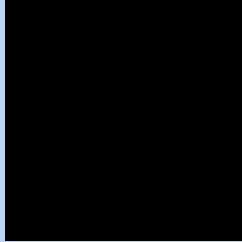
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

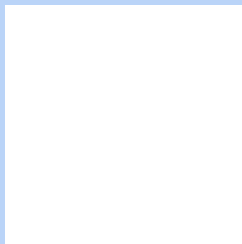
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7365, 64.3034, 98.0176

Background



This preview shows how black text looks on a background with the XYZ color 60.7365, 64.3034, 98.0176.



This preview shows how white text looks on a background with the XYZ color 60.7365, 64.3034,

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

60.7365, 64.3034, 98.0176

Protanopia

63.3944, 64.2609, 95.4485

Deuteranopia

65.6650, 64.2664, 99.3862



Tritanopia

58.3944, 64.4944, 85.7149

Trichromacy



Original Color

60.7365, 64.3034, 98.0176

Protanomaly

62.2000, 63.9905, 96.2619

Deuteranomaly

63.7422, 64.3688, 98.6874

Tritanomaly

59.2463, 64.4565, 90.2077

Monochromacy



Original Color

60.7365, 64.3034, 98.0176

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9392, 63.2080, 78.8533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7365, 64.3034, 98.0176 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(186, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(186, 212, 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(186, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 212, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.7365, 64.3034, 98.0176 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(186, 212, 248) }
```


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

```
.border{ border-color:rgb(186, 212, 248) }
```

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

Here you see how a box with a 4 pixel rgb(186, 212, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 212, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 212, 248);  
box-shadow:4px 4px 4px 4px rgb(186, 212,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7365, 64.3034, 98.0176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 212, 248) }
```

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

```
.background{ background-color: rgb(186,  
212, 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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