

Converting Colors

XYZ(60.2923, 64.6018,
101.3808)

Have a look what the booklet for
XYZ(60.2923, 64.6018, 101.3808)
contains.

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Color

**XYZ(60.4396, 64.8247,
101.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D6FC
RGB	180, 214, 252
RGB Percent	71%, 84%, 99%
CMY	0.2941, 0.1608, 0.0118
CMYK	0.29, 0.15, 0.00, 0.01
HSL	212°, 92%, 85%
HSV	212°, 29%, 99%
XYZ	60.4396, 64.8247, 101.4224
YIQ	208.1660, -32.4620, 4.6100

Conversions

Conversions Part 2

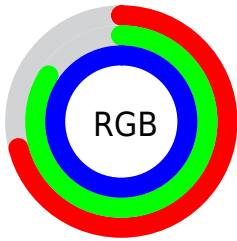
Format	Color
RYB	180, 203, 252
Decimal	11851516
CIELab	84.39, -2.77, -22.23
CIELCh	84, 22.403, 262.906
Yxy	64.8247, 0.2666, 0.2860
Android (android.graphics.Color)	4290041596 (0xFFB4D6FC)
YUV	208.1660, 21.6102, -24.7016
Hunter-Lab	80.5138, -6.9038, -18.3274

Details

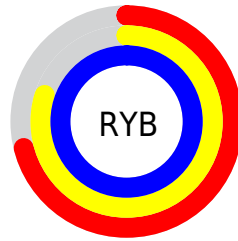
The XYZ color **60.4396, 64.8247, 101.4224** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.4554, 74.1340, 53.6194**, and the grayscale version is **59.9428, 63.0645, 68.6772**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **30.8526, 33.1720, 56.4065** is the 20% darker color. If you saturate the color by 10%, you get **51.8686, 55.6132, 100.0972**, and if you desaturate by 10%, it is **70.3560, 75.1408, 102.8921**.

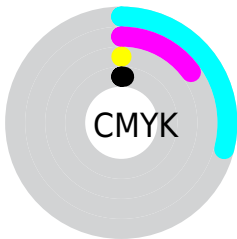
Distribution



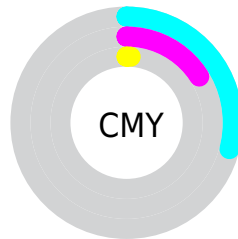
- Red (71%)
- Green (84%)
- Blue (99%)



- Red (71%)
- Yellow (80%)
- Blue (99%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4396, 64.8247, 101.4224 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 60.4396, 64.8247, 101.4224 by changing the saturation by 10% instead.

■ 60.4396, 64.8247,
101.4224

■ 60.4396, 64.8247,
101.4224

416.0251,
442.1618, 586.0290

■ 44.0239, 47.3189,
76.8655

■ 104.5698,
111.7978, 165.1794

■ 30.8873, 33.2879,
56.6316

133.0150,
142.0339, 205.2166

■ 20.6644, 22.3471,
40.3021

166.2008,
177.2823, 251.2509

■ 12.9900, 14.1121,
27.4586

204.4924,
217.9273, 303.7010

■ 7.4986, 8.1987,
17.6825

248.2553,
264.3534, 362.9853

■ 3.8249, 4.2224,
10.5552

297.8548,

■ 1.6036, 1.7987,

316.9449, 429.5223

5.6582

353.6563,
376.0862, 503.7308

■ 0.3947, 0.4864,
2.5730

■ 0.0000, 0.0000,
0.8785

■ 60.4396, 64.8247,
101.4224

■ 60.4396, 64.8247,
101.4224

■ 51.8686, 55.6132,
100.0972

■ 70.3560, 75.1408,
102.8921

■ 44.5725, 47.4557,
98.9072

■ 81.6715, 86.5940,
104.5063

■ 38.4832, 40.3086,
97.8487

■ 94.2217, 99.1100,
106.2607

■ 33.5233, 34.1215,
96.9158

■ 94.5709, 99.8084,
106.3771

■ 29.6051, 28.8382,
96.1026

■ 26.6259, 24.3944,
95.4018

■ 24.4422, 20.7041,
94.8046

■ 24.1686, 20.2238,
94.7263

Harmonies

Analogous

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



56.0206, 64.8247, 94.7782



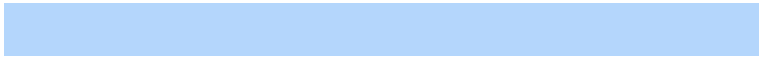
60.4396, 64.8247, 101.4224



65.4141, 64.8247, 98.9579

Triad

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



60.4396, 64.8247, 101.4224



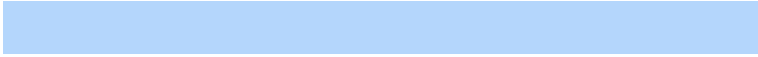
70.8560, 64.8247, 60.4444



54.2917, 64.8247, 55.3102

Complementary

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



60.4396, 64.8247, 101.4224



73.4554, 74.1340, 53.6194

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.



57.9639, 64.8247, 48.2279



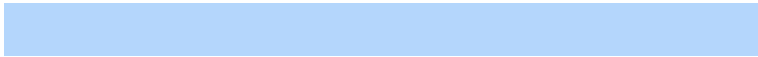
60.4396, 64.8247, 101.4224



67.5677, 64.8247, 50.9016

Square

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



60.4396, 64.8247, 101.4224



71.6065, 64.8247, 74.0223



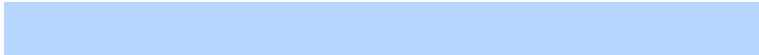
62.8034, 64.8247, 46.7299



52.5972, 64.8247, 67.2521

Rectangle

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



60.4396, 64.8247, 101.4224



68.3611, 64.8247, 92.6210



62.8034, 64.8247, 46.7299



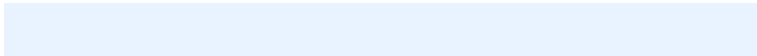
55.3260, 64.8247, 52.3515

Sweetspot

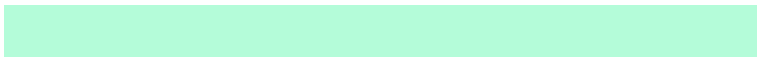
The Sweet Spot groups the original color and five complimentary colors.



60.4416, 64.8273, 101.4239



83.3621, 88.4184, 107.2805



66.1846, 84.3456, 78.5756



17.4631, 18.5443, 22.9089



0.0000, 0.0000, 0.0000



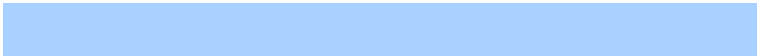
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4416, 64.8273, 101.4239



57.1228, 61.2985, 103.4289



52.9965, 49.5204, 98.8618



16.9590, 17.9949, 21.9648



12.7346, 10.8247, 49.3918



1.2847, 1.2130, 4.6096

Inverse Universe

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



68.6054, 58.1947, 71.2379



66.8369, 53.9917, 67.3788



82.7615, 93.3894, 56.8456



17.5859, 17.3617, 19.6749



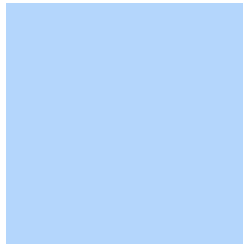
22.7199, 11.5037, 10.4991



2.1574, 1.0867, 1.2521

Previews

White Background



This preview shows how the XYZ color 60.4396, 64.8247, 101.4224 looks on a white background.

Color Contrast Check

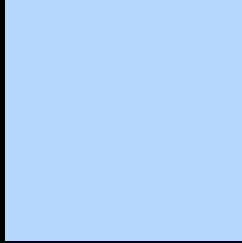
Large Text (above 18pt) WCAG AA × Fail

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 60.4396, 64.8247, 101.4224 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

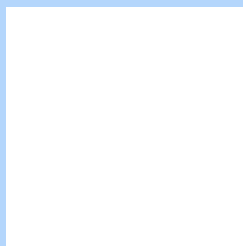
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4396, 64.8247, 101.4224

Background



This preview shows how black text looks on a background with the XYZ color 60.4396, 64.8247, 101.4224.



This preview shows how white text looks on a background with the XYZ color 60.4396, 64.8247,

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

60.4396, 64.8247, 101.4224

Protanopia

63.8563, 64.4456, 97.8806

Deuteranopia

66.0152, 64.3737, 102.7119



Tritanopia

57.5686, 64.7963, 87.3147

Trichromacy



Original Color

60.4396, 64.8247, 101.4224

Protanomaly

62.3936, 64.4021, 98.7649

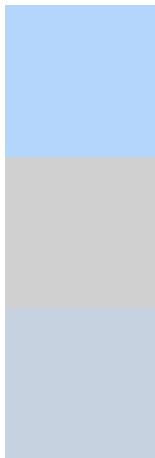
Deuteranomaly

63.5742, 64.2094, 101.9714

Tritanomaly

58.5645, 64.8097, 92.6419

Monochromacy



Original Color

60.4396, 64.8247, 101.4224

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7898, 63.4808, 79.6228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4396, 64.8247, 101.4224 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(180, 214, 252)` looks like.

```
.text, #text, p{  
    color:rgb(180, 214, 252)  
}
```

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(180, 214, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 214, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.4396, 64.8247, 101.4224 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(180, 214, 252) }
```


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

```
.border{ border-color:rgb(180, 214, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 214, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 214, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 214, 252);  
box-shadow:4px 4px 4px 4px rgb(180, 214,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4396, 64.8247, 101.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 214, 252) }
```

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

```
.background{ background-color: rgb(180,  
214, 252) }
```

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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