

Converting Colors

XYZ(60.9426, 65.5690, 96.6328)

Have a look what the booklet for
XYZ(60.9426, 65.5690, 96.6328)
contains.

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Color

**XYZ(60.9426, 65.5690,
96.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D7F6
RGB	185, 215, 246
RGB Percent	73%, 84%, 96%
CMY	0.2745, 0.1568, 0.0353
CMYK	0.25, 0.13, 0.00, 0.04
HSL	210°, 77%, 85%
HSV	210°, 25%, 96%
XYZ	60.9426, 65.5690, 96.6328
YIQ	209.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

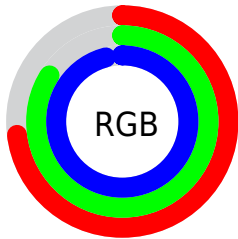
Format	Color
R _Y B	185, 205, 246
Decimal	12179446
CIE Lab	84.78, -3.23, -18.45
CIE LCh	85, 18.727, 260.077
Yxy	65.5690, 0.2731, 0.2938
Android (android.graphics.Color)	4290369526 (0xFFB9D7F6)
YUV	209.5640, 17.9629, -21.5426
Hunter-Lab	80.9747, -7.3643, -14.0727

Details

The XYZ color **60.9426, 65.5690, 96.6328** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.3197, 72.2078, 56.0792**, and the grayscale version is **60.8737, 64.0438, 69.7437**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **31.2251, 33.6846, 53.5712** is the 20% darker color. If you saturate the color by 10%, you get **52.4515, 56.6468, 95.3593**, and if you desaturate by 10%, it is **70.7077, 75.5123, 98.0385**.

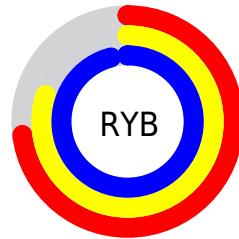
Distribution



Red (73%)

Green (84%)

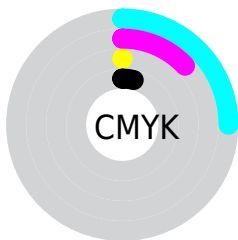
Blue (96%)



Red (73%)

Yellow (80%)

Blue (96%)

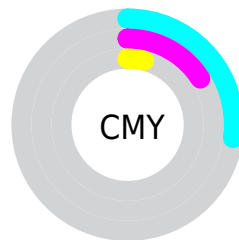


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9426, 65.5690, 96.6328 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 60.9426, 65.5690, 96.6328 by changing the saturation by 10% instead.

■ 60.9426, 65.5690,
96.6328

■ 60.9426, 65.5690,
96.6328

417.8428,
444.8339, 570.4964

■ 44.4312, 47.9226,
72.8903

■ 105.2944,
112.8675, 158.5334

■ 31.2090, 33.7656,
53.3950

133.8655,
143.2884, 197.5286

■ 20.9107, 22.7136,
37.7283

167.1873,
178.7363, 242.4451

■ 13.1708, 14.3822,
25.4717

205.6250,
219.5955, 293.7015

■ 7.6241, 8.3869,
16.2066

249.5441,
266.2505, 351.7163

■ 3.9051, 4.3435,
9.5145

299.3098,

■ 1.6486, 1.8675,

319.0856, 416.9080

4.9769

355.2876,
378.4853, 489.6952

■ 0.4238, 0.5287,
2.1752

■ 0.0000, 0.0000,
0.6600

■ 60.9426, 65.5690,
96.6328

■ 60.9426, 65.5690,
96.6328

■ 52.4515, 56.6468,
95.3593

■ 70.7077, 75.5123,
98.0385

■ 45.1701, 48.6997,
94.2091

■ 81.7951, 86.5045,
99.5758

■ 39.0373, 41.6894,
93.1792

■ 92.8446, 97.8535,
101.1840

■ 33.9835, 35.5716,
92.2647

■ 93.6348, 99.4339,
101.4474

■ 29.9311, 30.2972,
91.4602

■ 26.7902, 25.8106,
90.7598

■ 24.4517, 22.0457,
90.1563

■ 23.4712, 20.3269,
89.8762

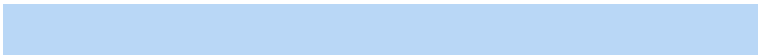
Harmonies

Analogous

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



57.2902, 65.5690, 90.6012



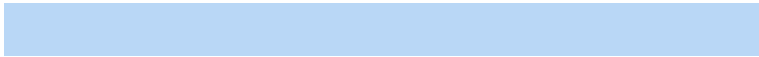
60.9426, 65.5690, 96.6328



65.1296, 65.5690, 95.3447

Triad

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



60.9426, 65.5690, 96.6328



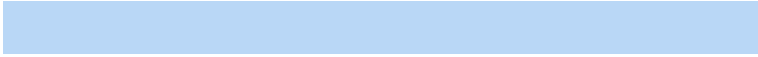
70.2029, 65.5690, 63.7585



56.3418, 65.5690, 57.5796

Complementary

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



60.9426, 65.5690, 96.6328



71.3197, 72.2078, 56.0792

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.



59.5951, 65.5690, 51.8322



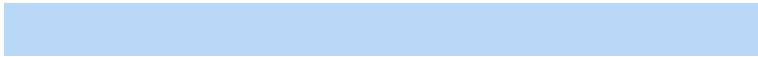
60.9426, 65.5690, 96.6328



67.6388, 65.5690, 55.1126

Square

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



60.9426, 65.5690, 96.6328



70.6033, 65.5690, 75.4460



63.7208, 65.5690, 50.9827



54.7138, 65.5690, 67.4888

Rectangle

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



60.9426, 65.5690, 96.6328



67.6563, 65.5690, 90.5546



63.7208, 65.5690, 50.9827



57.2746, 65.5690, 55.1461

Sweetspot

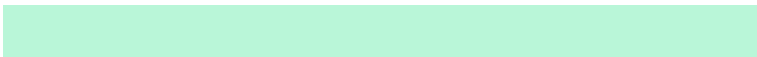
The Sweet Spot groups the original color and five complimentary colors.



60.9446, 65.5716, 96.6343



85.9594, 91.1189, 107.6649



65.2949, 81.1592, 76.8527



18.2384, 19.3451, 23.0227



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.



60.9446, 65.5716, 96.6343



61.1131, 65.9203, 104.1106



53.9927, 51.6678, 94.3170



16.2542, 17.2727, 21.0198



12.6676, 11.1291, 48.0185



1.2160, 1.1834, 4.2546

Inverse Universe

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



67.6224, 59.1988, 72.1553



69.6710, 58.2645, 72.6250



79.7199, 89.0083, 58.8793



16.8389, 16.6184, 18.8981



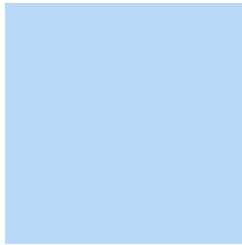
22.1986, 11.2229, 11.0199



2.0028, 1.0071, 1.2413

Previews

White Background



This preview shows how the XYZ color 60.9426, 65.5690, 96.6328 looks on a white background.

Color Contrast Check

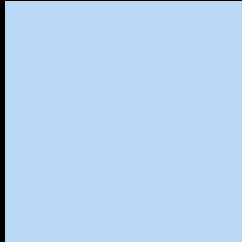
Large Text (above 18pt) WCAG AA × Fail

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 60.9426, 65.5690, 96.6328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

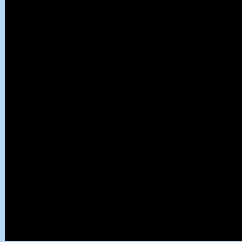
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

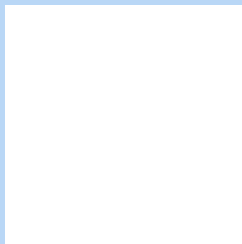
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9426, 65.5690, 96.6328

Background



This preview shows how black text looks on a background with the XYZ color 60.9426, 65.5690, 96.6328.



This preview shows how white text looks on a background with the XYZ color 60.9426, 65.5690,

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

60.9426, 65.5690, 96.6328

Protanopia

64.5272, 65.6258, 93.2705

Deuteranopia

66.7461, 65.2161, 97.8770



Tritanopia

59.1926, 65.6335, 87.3907

Trichromacy



Original Color

60.9426, 65.5690, 96.6328

Protanomaly

63.0098, 65.5638, 94.1281

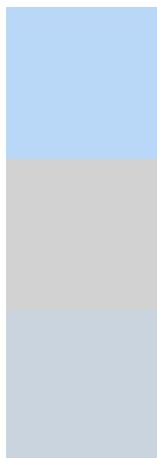
Deuteranomaly

64.2176, 65.0128, 97.1598

Tritanomaly

59.7556, 65.4751, 90.3774

Monochromacy



Original Color

60.9426, 65.5690, 96.6328

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9502, 64.8322, 79.1135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9426, 65.5690, 96.6328 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(185, 215, 246)` looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 246)  
}
```

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(185, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 246) }
```

Border

The CSS property to change the border of an element to XYZ 60.9426, 65.5690, 96.6328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

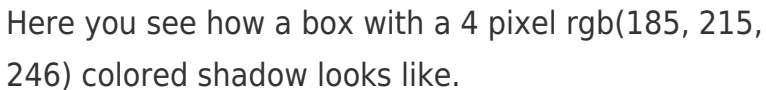
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 215, 246) }
```


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

```
.border{ border-color:rgb(185, 215, 246) }
```

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



Here you see how a box with a 4 pixel rgb(185, 215, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 215, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 215, 246);  
box-shadow:4px 4px 4px 4px rgb(185, 215,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9426, 65.5690, 96.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 246) }
```

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

```
.background{ background-color: rgb(185,  
215, 246) }
```

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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