

Converting Colors

XYZ(57.7246, 61.2145, 97.0523)

Have a look what the booklet for
XYZ(57.7246, 61.2145, 97.0523)
contains.

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Color

**XYZ(57.7045, 61.2921,
96.7849)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B2D0F7 |
| RGB | 178, 208, 247 |
| RGB Percent | 70%, 82%, 97% |
| CMY | 0.3019, 0.1843, 0.0314 |
| CMYK | 0.28, 0.16, 0.00, 0.03 |
| HSL | 214°, 81%, 83% |
| HSV | 214°, 28%, 97% |
| XYZ | 57.7045, 61.2921, 96.7849 |
| YIQ | 203.4760, -30.3990, 5.7690 |

Conversions

Conversions Part 2

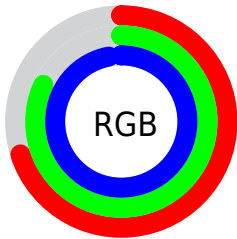
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 178, 199, 247 |
| Decimal | 11718903 |
| CIE Lab | 82.54, -1.35, -22.41 |
| CIE LCh | 83, 22.451, 266.565 |
| Yxy | 61.2921, 0.2674, 0.2840 |
| Android (android.graphics.Color) | 4289908983 (0xFFB2D0F7) |
| YUV | 203.4760, 21.4573, -22.3425 |
| Hunter-Lab | 78.2893, -5.4396, -18.4946 |

Details

The XYZ color **57.7045, 61.2921, 96.7849** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.2075, 72.6150, 52.3843**, and the grayscale version is **56.9484, 59.9142, 65.2466**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **29.2718, 31.1579, 53.7615** is the 20% darker color. If you saturate the color by 10%, you get **49.2844, 52.1203, 95.4594**, and if you desaturate by 10%, it is **67.4485, 71.5940, 98.2609**.

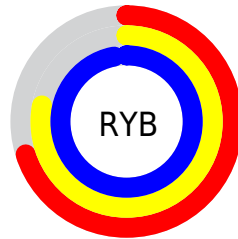
Distribution



Red (70%)

Green (82%)

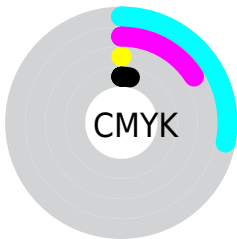
Blue (97%)



Red (70%)

Yellow (78%)

Blue (97%)

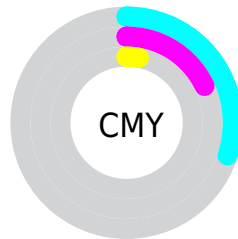


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (18%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7045, 61.2921, 96.7849 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 57.7045, 61.2921, 96.7849 by changing the saturation by 10% instead.

■ 57.7045, 61.2921,
96.7849

■ 57.7045, 61.2921,
96.7849

406.0556,
429.3442, 570.9931

■ 41.8135, 44.4609,
73.0164

■ 100.6179,
106.7018, 158.7449

■ 29.1457, 31.0330,
53.4974

128.3709,
136.0491, 197.7735

■ 19.3359, 20.6240,
37.8096

160.8087,
170.3372, 242.7259

■ 12.0187, 12.8494,
25.5343

198.2965,
209.9505, 294.0206

■ 6.8287, 7.3250,
16.2529

241.1997,
255.2735, 352.0761

■ 3.4006, 3.6661,
9.5470

289.8837,

■ 1.3690, 1.4886,

306.6905, 417.3110

4.9980

344.7139,
364.5860, 490.1438

■ 0.2340, 0.2807,
2.1874

■ 0.0000, 0.0000,
0.6671

■ 57.7045, 61.2921,
96.7849

■ 57.7045, 61.2921,
96.7849

■ 49.2844, 52.1203,
95.4594

■ 67.4485, 71.5940,
98.2609

■ 42.1198, 44.0277,
94.2750

■ 78.5686, 83.0597,
99.8879

■ 36.1449, 36.9698,
93.2276

■ 91.1212, 95.7302,
101.6719

■ 31.2846, 30.8956,
92.3113

■ 93.7887, 99.4955,
102.2581

■ 27.4546, 25.7487,
91.5197

■ 24.5563, 21.4644,
90.8455

■ 22.4589, 17.9610,
90.2798

■ 22.0879, 17.3138,
90.1745

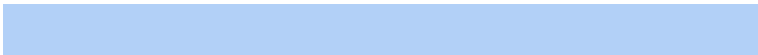
Harmonies

Analogous

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



53.3128, 61.2921, 91.3412



57.7045, 61.2921, 96.7849



62.4863, 61.2921, 93.3094

Triad

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



57.7045, 61.2921, 96.7849



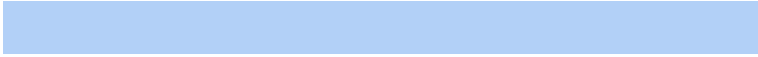
66.9164, 61.2921, 55.5897



50.8817, 61.2921, 53.1940

Complementary

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



57.7045, 61.2921, 96.7849



71.2075, 72.6150, 52.3843

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.



54.2216, 61.2921, 45.7585



57.7045, 61.2921, 96.7849



63.4964, 61.2921, 47.0023

Square

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



57.7045, 61.2921, 96.7849



67.9734, 61.2921, 68.3346



58.8116, 61.2921, 43.6565



49.5124, 61.2921, 65.1639

Rectangle

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



57.7045, 61.2921, 96.7849



65.2257, 61.2921, 86.6307



58.8116, 61.2921, 43.6565



51.8019, 61.2921, 50.1484

Sweetspot

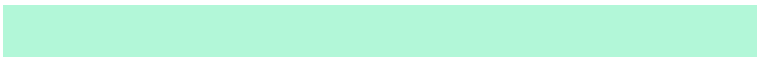
The Sweet Spot groups the original color and five complimentary colors.



57.7064, 61.2945, 96.7863



84.3705, 89.1970, 107.3777



64.0105, 80.9431, 77.1833



17.6527, 18.6770, 22.9246



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.



57.7064, 61.2945, 96.7863



56.3331, 59.7192, 103.1656



51.8723, 48.4363, 94.6119



16.1739, 17.1120, 20.9931



11.8168, 9.4273, 47.7349



1.1388, 1.0290, 4.2288

Inverse Universe

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



65.6650, 56.1708, 67.0582



66.4384, 53.8323, 65.2799



78.4501, 88.8898, 55.1440



16.7983, 16.6022, 18.6846



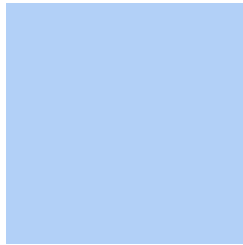
21.7691, 11.0511, 8.7582



1.9639, 0.9915, 1.0362

Previews

White Background



This preview shows how the XYZ color 57.7045, 61.2921, 96.7849 looks on a white background.

Color Contrast Check

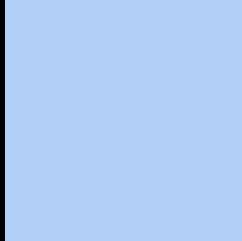
Large Text (above 18pt) WCAG AA × Fail

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 57.7045, 61.2921, 96.7849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

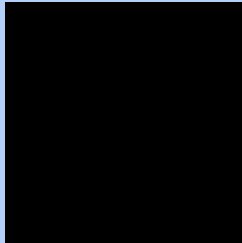
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

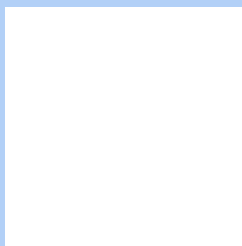
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7045, 61.2921, 96.7849

Background



This preview shows how black text looks on a background with the XYZ color 57.7045, 61.2921, 96.7849.



This preview shows how white text looks on a background with the XYZ color 57.7045, 61.2921,

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

57.7045, 61.2921, 96.7849

Protanopia

60.7110, 61.1138, 94.1843

Deuteranopia

62.6141, 61.3094, 98.1563



Tritanopia

54.7534, 61.1886, 82.3236

Trichromacy



Original Color

57.7045, 61.2921, 96.7849

Protanomaly

59.5480, 61.2024, 95.0609

Deuteranomaly

60.7843, 61.4324, 97.4609

Tritanomaly

55.7212, 61.2053, 87.4742

Monochromacy



Original Color

57.7045, 61.2921, 96.7849

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8656, 60.2465, 75.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7045, 61.2921, 96.7849 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(178, 208, 247)` looks like.

```
.text, #text, p{  
    color:rgb(178, 208, 247)  
}
```

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(178, 208, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 208, 247) }
```

Border

The CSS property to change the border of an element to XYZ 57.7045, 61.2921, 96.7849 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(178, 208, 247) }
```


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

```
.border{ border-color:rgb(178, 208, 247) }
```

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

Here you see how a box with a 4 pixel rgb(178, 208, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 208, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 208, 247);  
box-shadow:4px 4px 4px 4px rgb(178, 208,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7045, 61.2921, 96.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 208, 247) }
```

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

```
.background{ background-color: rgb(178,  
208, 247) }
```

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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