

Converting Colors

XYZ(58.3447, 62.7523, 97.2483)

Have a look what the booklet for
XYZ(58.3447, 62.7523, 97.2483)
contains.

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Color

**XYZ(58.2142, 62.6510,
97.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D3F7
RGB	177, 211, 247
RGB Percent	69%, 83%, 97%
CMY	0.3059, 0.1725, 0.0314
CMYK	0.28, 0.15, 0.00, 0.03
HSL	211°, 81%, 83%
HSV	211°, 28%, 97%
XYZ	58.2142, 62.6510, 97.0203
YIQ	204.9380, -31.8200, 3.9880

Conversions

Conversions Part 2

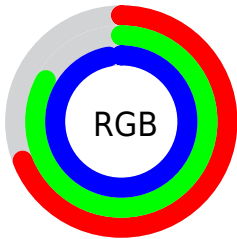
Format	Color
R _Y B	177, 200, 247
Decimal	11654135
CIE Lab	83.26, -3.22, -21.32
CIE LCh	83, 21.562, 261.416
Yxy	62.6510, 0.2672, 0.2875
Android (android.graphics.Color)	4289844215 (0xFFB1D3F7)
YUV	204.9380, 20.7366, -24.5016
Hunter-Lab	79.1524, -7.2353, -17.2675

Details

The XYZ color **58.2142, 62.6510, 97.0203** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.0887, 70.5376, 51.5177**, and the grayscale version is **57.8773, 60.8915, 66.3108**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **29.6293, 32.0865, 53.9219** is the 20% darker color. If you saturate the color by 10%, you get **50.0575, 53.9464, 95.7711**, and if you desaturate by 10%, it is **67.6424, 72.3843, 98.4032**.

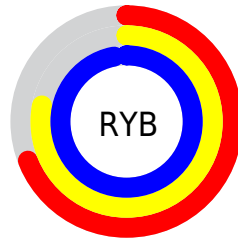
Distribution



Red (69%)

Green (83%)

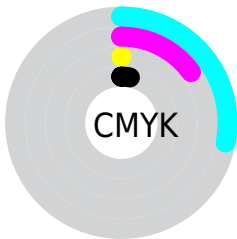
Blue (97%)



Red (69%)

Yellow (78%)

Blue (97%)

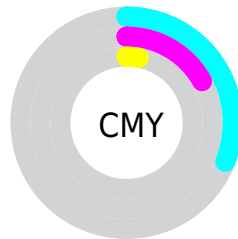


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2142, 62.6510, 97.0203 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 58.2142, 62.6510, 97.0203 by changing the saturation by 10% instead.

■ 58.2142, 62.6510,
97.0203

■ 58.2142, 62.6510,
97.0203

407.9246,
434.3018, 571.7615

■ 42.2248, 45.5589,
73.2115

■ 101.3559,
108.6659, 159.0723

■ 29.4692, 31.8979,
53.6560

129.2389,
138.3574, 198.1525

■ 19.5821, 21.2835,
37.9354

161.8172,
173.0176, 243.1603

■ 12.1982, 13.3314,
25.6311

199.4560,
213.0308, 294.5142

■ 6.9519, 7.6572,
16.3246

242.5208,
258.7815, 352.6327

■ 3.4781, 3.8764,
9.5973

291.3770,

■ 1.4114, 1.6046,

310.6539, 417.9344

5.0307

346.3898,
369.0325, 490.8378

■ 0.2643, 0.3607,
2.2062

■ 0.0000, 0.0000,
0.6780

■ 58.2142, 62.6510,
97.0203

■ 58.2142, 62.6510,
97.0203

■ 50.0575, 53.9464,
95.7711

■ 67.6424, 72.3843,
98.4032

■ 43.1058, 46.2232,
94.6468

■ 78.3927, 83.1760,
99.9196

■ 37.2949, 39.4410,
93.6439

■ 90.5197, 95.0639,
101.5750

■ 32.5518, 33.5529,
92.7574

■ 93.7887, 99.4955,
102.2581

■ 28.7939, 28.5070,
91.9815

■ 25.9245, 24.2433,
91.3098

■ 23.8104, 20.6826,
90.7339

■ 23.5025, 20.1432,
90.6460

Harmonies

Analogous

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



54.1076, 62.6510, 90.4223



58.2142, 62.6510, 97.0203



62.8962, 62.6510, 95.1462

Triad

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



58.2142, 62.6510, 97.0203



68.3289, 62.6510, 59.2278



52.7837, 62.6510, 53.3660

Complementary

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



58.2142, 62.6510, 97.0203



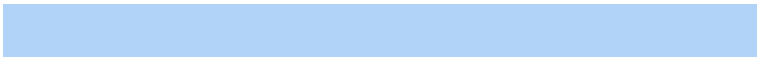
70.0887, 70.5376, 51.5177

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.



56.3206, 62.6510, 46.9175



58.2142, 62.6510, 97.0203



65.3412, 62.6510, 49.9805

Square

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



58.2142, 62.6510, 97.0203



68.9013, 62.6510, 72.1376



60.9018, 62.6510, 45.7650



51.0818, 62.6510, 64.4397

Rectangle

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



58.2142, 62.6510, 97.0203



65.7045, 62.6510, 89.4373



60.9018, 62.6510, 45.7650



53.7884, 62.6510, 50.6493

Sweetspot

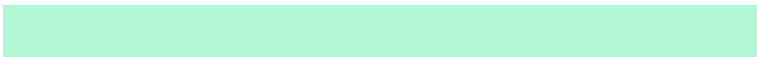
The Sweet Spot groups the original color and five complimentary colors.



58.2162, 62.6535, 97.0217



83.4547, 88.6038, 107.3114



63.2773, 80.6234, 74.5156



17.4859, 18.5899, 22.9165



0.0000, 0.0000, 0.0000



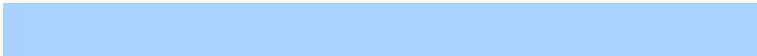
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2162, 62.6535, 97.0217



57.4112, 61.8755, 103.5250



50.6437, 47.5085, 94.4976



16.2456, 17.2555, 21.0170



12.5706, 10.9350, 47.9861



1.2073, 1.1660, 4.2517

Inverse Universe

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



65.8394, 55.9233, 68.9548



66.9825, 54.0500, 68.1456



79.5555, 89.4712, 54.6733



16.8345, 16.6167, 18.8752



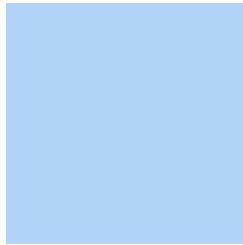
22.1496, 11.2033, 10.7620



1.9985, 1.0053, 1.2182

Previews

White Background



This preview shows how the XYZ color 58.2142, 62.6510, 97.0203 looks on a white background.

Color Contrast Check

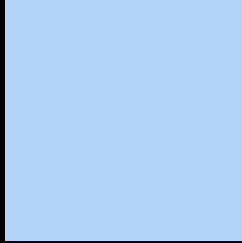
Large Text (above 18pt) WCAG AA × Fail

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 58.2142, 62.6510, 97.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

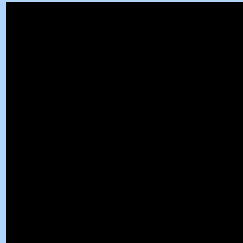
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

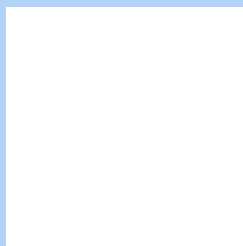
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2142, 62.6510, 97.0203

Background



This preview shows how black text looks on a background with the XYZ color 58.2142, 62.6510, 97.0203.



This preview shows how white text looks on a background with the XYZ color 58.2142, 62.6510,

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

58.2142, 62.6510, 97.0203

Protanopia

61.8284, 62.4131, 93.5822

Deuteranopia

63.6730, 62.2024, 98.2729



Tritanopia

55.9259, 62.8613, 84.7871

Trichromacy



Original Color

58.2142, 62.6510, 97.0203

Protanomaly

60.3802, 62.3638, 94.4430

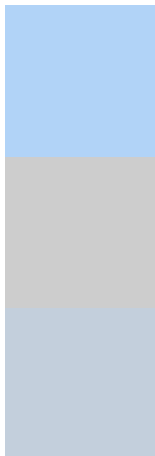
Deuteranomaly

61.2803, 62.0421, 97.5524

Tritanomaly

56.7595, 62.8169, 89.2541

Monochromacy



Original Color

58.2142, 62.6510, 97.0203

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7368, 61.3951, 76.5175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2142, 62.6510, 97.0203 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(177, 211, 247)` looks like.

```
.text, #text, p{  
    color:rgb(177, 211, 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(177, 211, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 211, 247) }
```

Border

The CSS property to change the border of an element to XYZ 58.2142, 62.6510, 97.0203 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(177, 211, 247) }
```


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

```
.border{ border-color:rgb(177, 211, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 211, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 211, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 211, 247);  
box-shadow:4px 4px 4px 4px rgb(177, 211,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2142, 62.6510, 97.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 211, 247) }
```

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

```
.background{ background-color: rgb(177,  
211, 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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