

Converting Colors

XYZ(58.7024, 64.5346, 91.0242)

Have a look what the booklet for
XYZ(58.7024, 64.5346, 91.0242)
contains.

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Color

**XYZ(58.7028, 64.5362,
91.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D7EF
RGB	180, 215, 239
RGB Percent	71%, 84%, 94%
CMY	0.2941, 0.1568, 0.0627
CMYK	0.25, 0.10, 0.00, 0.06
HSL	204°, 65%, 82%
HSV	204°, 25%, 94%
XYZ	58.7028, 64.5362, 91.0241
YIQ	207.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

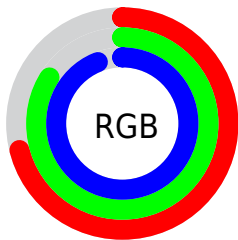
Format	Color
R _{YB}	180, 202, 239
Decimal	11851759
CIE Lab	84.24, -6.28, -15.57
CIE LCh	84, 16.791, 248.028
Yxy	64.5362, 0.2740, 0.3012
Android (android.graphics.Color)	4290041839 (0xFFB4D7EF)
YUV	207.2710, 15.6424, -23.9167
Hunter-Lab	80.3344, -10.1499, -10.9453

Details

The XYZ color **58.7028, 64.5362, 91.0241** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.4284, 64.8319, 52.2468**, and the grayscale version is **59.3999, 62.4933, 68.0552**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.7222, 32.9961, 49.6021** is the 20% darker color. If you saturate the color by 10%, you get **51.2095, 57.1085, 89.9864**, and if you desaturate by 10%, it is **67.3065, 72.7578, 92.1586**.

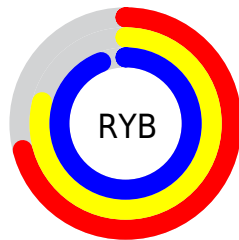
Distribution



Red (71%)

Green (84%)

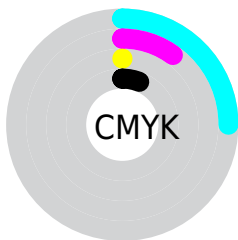
Blue (94%)



Red (71%)

Yellow (79%)

Blue (94%)

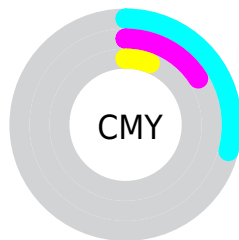


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7028, 64.5362, 91.0241 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 58.7028, 64.5362, 91.0241 by changing the saturation by 10% instead.

■ 58.7028, 64.5362,
91.0241

■ 58.7028, 64.5362,
91.0241

409.7114,
441.1234, 552.0124

■ 42.6194, 47.0851,
68.2518

■ 102.0627,
111.3828, 150.7080

■ 29.7798, 33.1029,
49.6347

130.0699,
141.5471, 188.4568

■ 19.8188, 22.2053,
34.7541

162.7823,
176.7179, 232.0348

■ 12.3709, 14.0078,
23.1915

200.5654,
217.2796, 281.8606

■ 7.0708, 8.1261,
14.5283

243.7845,
263.6166, 338.3527

■ 3.5531, 4.1758,
8.3461

292.8050,

■ 1.4526, 1.7724,

316.1133, 401.9297

4.2263

347.9922,
375.1541, 473.0101

■ 0.2932, 0.4699,
1.7503

■ 0.0000, 0.0000,
0.3948

■ 58.7028, 64.5362,
91.0241

■ 58.7028, 64.5362,
91.0241

■ 51.2095, 57.1085,
89.9864

■ 67.3065, 72.7578,
92.1586

■ 44.7689, 50.4366,
89.0381

■ 77.0627, 81.7941,
93.3886

■ 39.3268, 44.4901,
88.1771

■ 88.0188, 91.6744,
94.7183

■ 34.8213, 39.2333,
87.3999

■ 92.2267, 98.3051,
95.7763

■ 31.1830, 34.6261,
86.7024

■ 92.5802, 99.0121,
95.8942

■ 28.3315, 30.6231,
86.0800

■ 26.1688, 27.1694,
85.5274

■ 25.2220, 25.5158,
85.2581

Harmonies

Analogous

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



55.8774, 64.5362, 83.6558



58.7028, 64.5362, 91.0241



62.3438, 64.5362, 92.5619

Triad

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



58.7028, 64.5362, 91.0241



68.6967, 64.5362, 67.4475



57.0390, 64.5362, 55.3395

Complementary

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



58.7028, 64.5362, 91.0241



65.4284, 64.8319, 52.2468

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.



60.3465, 64.5362, 51.8778



58.7028, 64.5362, 91.0241



67.1469, 64.5362, 58.3923

Square

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



58.7028, 64.5362, 91.0241



68.2133, 64.5362, 78.2137



64.0545, 64.5362, 52.9361



54.9442, 64.5362, 62.8813

Rectangle

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



58.7028, 64.5362, 91.0241



64.7617, 64.5362, 89.9419



64.0545, 64.5362, 52.9361



58.0404, 64.5362, 53.6967

Sweetspot

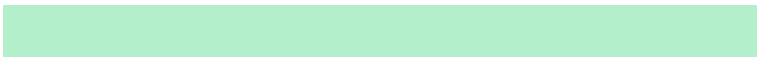
The Sweet Spot groups the original color and five complimentary colors.



58.7048, 64.5388, 91.0256



86.5126, 92.2252, 107.8493



60.5413, 75.7780, 68.3126



18.3666, 19.6013, 23.0654



0.0000, 0.0000, 0.0000



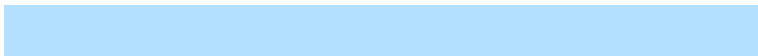
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7048, 64.5388, 91.0256



63.1497, 69.9935, 104.7895



51.9416, 51.0125, 88.7712



15.6769, 16.7879, 20.1357



14.0703, 14.3648, 47.1590



1.2680, 1.3899, 3.9557

Inverse Universe

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



64.1852, 55.9011, 71.7000



70.6990, 58.6757, 78.0382



73.0032, 79.9817, 54.7718



16.1664, 15.9163, 18.4323



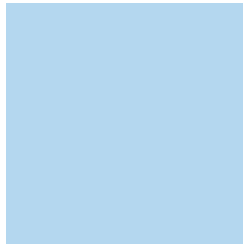
22.4276, 11.2435, 15.4344



1.9150, 0.9550, 1.5430

Previews

White Background



This preview shows how the XYZ color 58.7028, 64.5362, 91.0241 looks on a white background.

Color Contrast Check

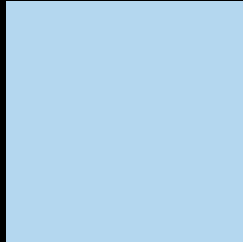
Large Text (above 18pt) WCAG AA × Fail

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 58.7028, 64.5362, 91.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

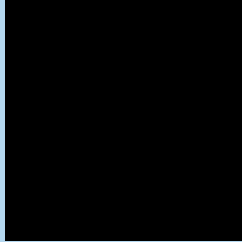
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

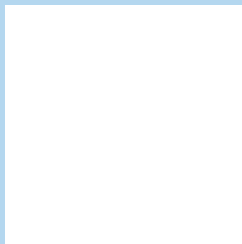
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7028, 64.5362, 91.0241

Background



This preview shows how black text looks on a background with the XYZ color 58.7028, 64.5362, 91.0241.



This preview shows how white text looks on a background with the XYZ color 58.7028, 64.5362,

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

58.7028, 64.5362, 91.0241

Protanopia

63.0049, 64.2317, 87.6745

Deuteranopia

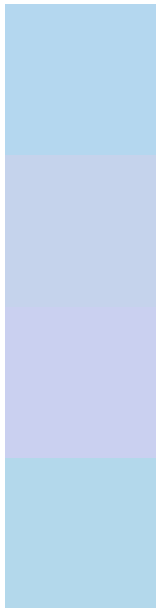
65.4944, 63.9837, 92.1172



Tritanopia

57.8543, 64.5786, 86.5065

Trichromacy



Original Color

58.7028, 64.5362, 91.0241

Protanomaly

61.4605, 64.5150, 88.5702

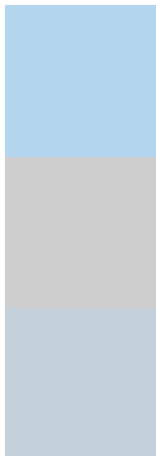
Deuteranomaly

62.6412, 63.9596, 91.4820

Tritanomaly

58.1417, 64.6936, 88.0200

Monochromacy



Original Color

58.7028, 64.5362, 91.0241

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8587, 63.0780, 76.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7028, 64.5362, 91.0241 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, 215, 239)` looks like.

```
.text, #text, p{  
    color:rgb(180, 215, 239)  
}
```

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, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 215, 239) }
```

Border

The CSS property to change the border of an element to XYZ 58.7028, 64.5362, 91.0241 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, 215, 239) }
```


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

```
.border{ border-color:rgb(180, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(180, 215,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7028, 64.5362, 91.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 215, 239) }
```

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

```
.background{ background-color: rgb(180,  
215, 239) }
```

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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