

Converting Colors

XYZ(59.2538, 65.3494, 86.5076)

Have a look what the booklet for
XYZ(59.2538, 65.3494, 86.5076)
contains.

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Color

**XYZ(59.2714, 65.3092,
86.5728)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D8E9
RGB	185, 216, 233
RGB Percent	73%, 85%, 91%
CMY	0.2745, 0.1529, 0.0863
CMYK	0.21, 0.07, 0.00, 0.09
HSL	201°, 52%, 82%
HSV	201°, 21%, 91%
XYZ	59.2714, 65.3092, 86.5728
YIQ	208.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

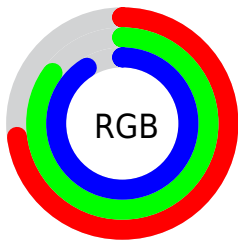
Format	Color
RYB	185, 204, 233
Decimal	12179689
CIELab	84.64, -6.63, -11.76
CIELCh	85, 13.502, 240.588
Yxy	65.3092, 0.2807, 0.3093
Android (android.graphics.Color)	4290369769 (0xFFB9D8E9)
YUV	208.6690, 11.9952, -20.7577
Hunter-Lab	80.8141, -10.5076, -6.9450

Details

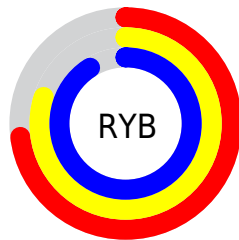
The XYZ color **59.2714, 65.3092, 86.5728** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.4823, 63.0675, 54.7276**, and the grayscale version is **60.3258, 63.4674, 69.1160**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.0408, 33.4894, 46.4757** is the 20% darker color. If you saturate the color by 10%, you get **52.0439, 58.5252, 85.6454**, and if you desaturate by 10%, it is **67.5301, 72.7857, 87.5817**.

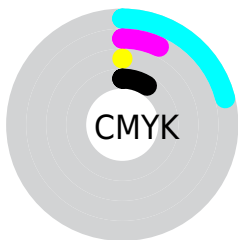
Distribution



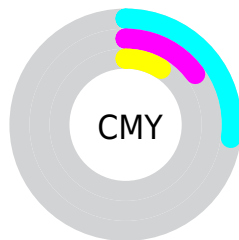
- Red (73%)
- Green (85%)
- Blue (91%)



- Red (73%)
- Yellow (80%)
- Blue (91%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2714, 65.3092, 86.5728 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 59.2714, 65.3092, 86.5728 by changing the saturation by 10% instead.

■ 59.2714, 65.3092,
86.5728

■ 59.2714, 65.3092,
86.5728

411.7848,
443.9023, 537.0978

■ 43.0788, 47.7118,
64.5841

■ 102.8844,
112.4943, 144.4622

■ 30.1418, 33.5987,
46.6747

131.0355,
142.8508, 181.1999

■ 20.0948, 22.5855,
32.4261

163.9036,
178.2291, 223.6911

■ 12.5727, 14.2878,
21.4197

201.8539,
219.0137, 272.3543

■ 7.2099, 8.3211,
13.2369

245.2518,
265.5889, 327.6081

■ 3.6412, 4.3011,
7.4592

294.4627,

■ 1.5012, 1.8434,

318.3392, 389.8708

3.6681

349.8519,
377.6488, 459.5612

■ 0.3267, 0.5140,
1.4451

■ 0.0000, 0.0000,
0.1765

■ 59.2714, 65.3092,
86.5728

■ 59.2714, 65.3092,
86.5728

■ 52.0439, 58.5252,
85.6454

■ 67.5301, 72.7857,
87.5817

■ 45.7954, 52.3995,
84.7923

■ 76.8573, 80.9712,
88.6701

■ 40.4776, 46.9066,
84.0123

■ 87.2958, 89.8917,
89.8417

■ 36.0358, 42.0158,
83.3024

■ 89.8263, 94.8995,
90.6749

■ 32.4086, 37.6931,
82.6593

■ 91.7082, 98.6633,
91.3022

■ 29.5264, 33.9001,
82.0790

■ 27.3062, 30.5913,
81.5574

■ 25.6934, 27.8536,
81.1140

Harmonies

Analogous

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



57.2174, 65.3092, 79.8963



59.2714, 65.3092, 86.5728



62.1340, 65.3092, 89.0341

Triad

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



59.2714, 65.3092, 86.5728



68.0524, 65.3092, 70.9403



59.1715, 65.3092, 57.7569

Complementary

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



59.2714, 65.3092, 86.5728



63.4823, 63.0675, 54.7276

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.



62.0149, 65.3092, 55.7701



59.2714, 65.3092, 86.5728



67.1988, 65.3092, 62.9938

Square

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



59.2714, 65.3092, 86.5728



67.2616, 65.3092, 79.5777



64.9645, 65.3092, 57.6087



57.1611, 65.3092, 63.2665

Rectangle

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



59.2714, 65.3092, 86.5728



64.1350, 65.3092, 87.8092



64.9645, 65.3092, 57.6087



60.0585, 65.3092, 56.6758

Sweetspot

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



59.2734, 65.3119, 86.5743



87.9393, 93.8046, 108.0789



59.7847, 72.8481, 66.6644



18.6633, 19.9379, 23.1147



0.0000, 0.0000, 0.0000



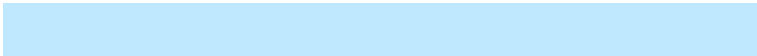
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2734, 65.3119, 86.5743



68.5753, 76.2818, 105.7173



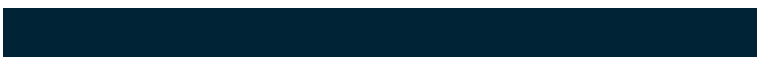
53.6104, 53.9860, 84.6866



15.0429, 16.1722, 19.2510



14.6997, 16.0464, 46.0655



1.2443, 1.4401, 3.6473

Inverse Universe

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



63.3494, 56.9809, 72.6283



74.5514, 64.4811, 85.1780



69.5044, 75.1116, 56.7350



15.4752, 15.2179, 17.7877



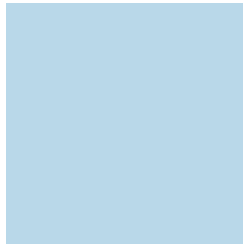
22.2750, 11.1127, 17.7815



1.7946, 0.8908, 1.6355

Previews

White Background



This preview shows how the XYZ color 59.2714, 65.3092, 86.5728 looks on a white background.

Color Contrast Check

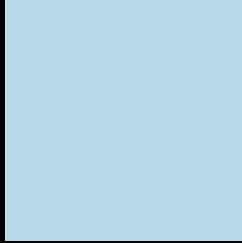
Large Text (above 18pt) WCAG AA × Fail

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 59.2714, 65.3092, 86.5728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

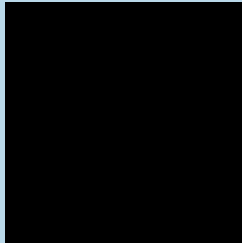
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2714, 65.3092, 86.5728

Background



This preview shows how black text looks on a background with the XYZ color 59.2714, 65.3092, 86.5728.



This preview shows how white text looks on a background with the XYZ color 59.2714, 65.3092,

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

59.2714, 65.3092, 86.5728

Protanopia

63.2378, 64.8134, 83.3060

Deuteranopia

66.3419, 64.8764, 87.6231



Tritanopia

59.2714, 65.3092, 86.5728

Trichromacy



Original Color

59.2714, 65.3092, 86.5728

Protanomaly

61.6458, 65.0795, 84.1754

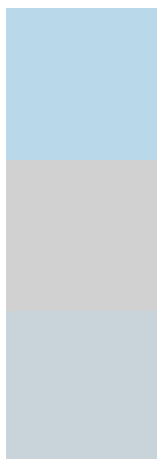
Deuteranomaly

63.3839, 64.8068, 87.0102

Tritanomaly

59.2714, 65.3092, 86.5728

Monochromacy



Original Color

59.2714, 65.3092, 86.5728

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.0178, 64.4283, 75.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2714, 65.3092, 86.5728 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, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(185, 216, 233)  
}
```

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, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 216, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.2714, 65.3092, 86.5728 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, 216, 233) }
```


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

```
.border{ border-color:rgb(185, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(185, 216,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2714, 65.3092, 86.5728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 216, 233) }
```

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

```
.background{ background-color: rgb(185,  
216, 233) }
```

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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