

Converting Colors

XYZ(59.2715, 65.4242, 81.4568)

Have a look what the booklet for
XYZ(59.2715, 65.4242, 81.4568)
contains.

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Color

**XYZ(59.2696, 65.4215,
81.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD8E2
RGB	189, 216, 226
RGB Percent	74%, 85%, 89%
CMY	0.2588, 0.1529, 0.1137
CMYK	0.16, 0.04, 0.00, 0.11
HSL	196°, 39%, 81%
HSV	196°, 16%, 89%
XYZ	59.2696, 65.4215, 81.4553
YIQ	209.0670, -19.3020, -2.6140

Conversions

Conversions Part 2

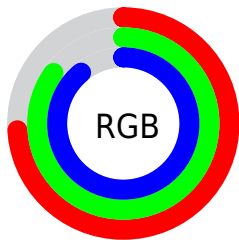
Format	Color
RYB	189, 205, 226
Decimal	12441826
CIELab	84.70, -6.88, -7.94
CIElCh	85, 10.506, 229.067
Yxy	65.4215, 0.2875, 0.3174
Android (android.graphics.Color)	4290631906 (0xFFBDD8E2)
YUV	209.0670, 8.3480, -17.5988
Hunter-Lab	80.8836, -10.7456, -3.0906

Details

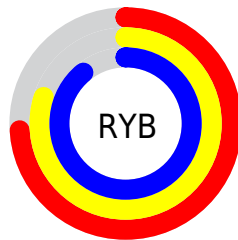
The XYZ color **59.2696, 65.4215, 81.4553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9733, 60.6898, 56.6461**, and the grayscale version is **60.6059, 63.7621, 69.4369**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.0872, 33.5809, 43.4241** is the 20% darker color. If you saturate the color by 10%, you get **52.5594, 59.6844, 80.7026**, and if you desaturate by 10%, it is **66.9153, 71.7306, 82.2712**.

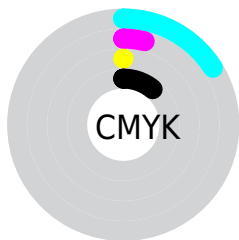
Distribution



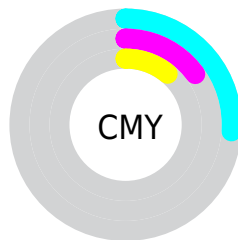
- Red (74%)
- Green (85%)
- Blue (89%)



- Red (74%)
- Yellow (80%)
- Blue (89%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2696, 65.4215, 81.4553 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 59.2696, 65.4215, 81.4553 by changing the saturation by 10% instead.

■ 59.2696, 65.4215,
81.4553

■ 59.2696, 65.4215,
81.4553

411.7783,
444.3051, 519.6594

■ 43.0774, 47.8029,
60.3835

■ 102.8818,
112.6556, 137.2397

■ 30.1406, 33.6709,
43.3005

131.0325,
143.0400, 172.7893

■ 20.0940, 22.6409,
29.7878

163.9000,
178.4484, 214.0020

■ 12.5720, 14.3285,
19.4269

201.8498,
219.2653, 261.2962

■ 7.2095, 8.3495,
11.7992

245.2472,
265.8750, 315.0905

■ 3.6409, 4.3194,
6.4862

294.4575,

■ 1.5011, 1.8538,

318.6619, 375.8035

3.0694

349.8461,
378.0105, 443.8536

■ 0.3266, 0.5204,
1.1302

■ 0.0000, 0.0000,
0.0000

■ 59.2696, 65.4215,
81.4553

■ 59.2696, 65.4215,
81.4553

■ 52.5594, 59.6844,
80.7026

■ 66.9153, 71.7306,
82.2712

■ 46.7381, 54.4892,
80.0067

■ 75.5292, 78.6243,
83.1478

■ 41.7633, 49.8150,
79.3667

■ 84.4828, 85.7813,
84.0573

■ 37.5871, 45.6358,
78.7801

■ 86.2546, 89.3249,
84.6479

■ 34.1562, 41.9234,
78.2444

■ 88.0870, 92.9896,
85.2587

■ 31.4105, 38.6459,
77.7565

■ 89.9804, 96.7766,
85.8899

■ 29.2801, 35.7659,
77.3129

■ 90.7277, 98.2711,
86.1389

■ 27.6770, 33.2374,
76.9093

■ 27.1714, 32.3785,
76.7702

Harmonies

Analogous

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



58.0106, 65.4215, 75.5411



59.2696, 65.4215, 81.4553



61.3287, 65.4215, 84.6985

Triad

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



59.2696, 65.4215, 81.4553



66.7205, 65.4215, 73.7138



60.7179, 65.4215, 59.6969

Complementary

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



59.2696, 65.4215, 81.4553



60.9733, 60.6898, 56.6461

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.



63.0415, 65.4215, 59.2760



59.2696, 65.4215, 81.4553



66.5470, 65.4215, 67.0917

Square

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



59.2696, 65.4215, 81.4553



65.6550, 65.4215, 80.0454



65.1866, 65.4215, 61.9036



58.8321, 65.4215, 63.0922

Rectangle

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



59.2696, 65.4215, 81.4553



62.8954, 65.4215, 84.7806



65.1866, 65.4215, 61.9036



61.4724, 65.4215, 59.2113

Sweetspot

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



59.2715, 65.4242, 81.4568



89.4246, 95.4831, 108.3246



58.4772, 69.3301, 64.2529



18.9769, 20.3048, 23.1690



0.0000, 0.0000, 0.0000



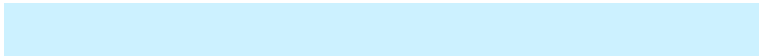
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2715, 65.4242, 81.4568



74.4723, 83.0983, 106.7222



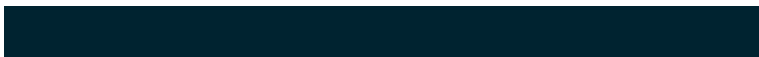
54.8254, 56.5319, 79.9747



13.7870, 14.9131, 17.5395



15.6042, 18.6779, 43.8311



1.1545, 1.4404, 3.0624

Inverse Universe

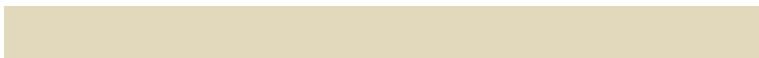
The Inverse Universe completely reimagines the original color for something new.



61.9578, 57.5233, 72.8063



78.7429, 70.8098, 92.9089



65.4580, 69.6590, 58.1410



14.1287, 13.8691, 16.4479



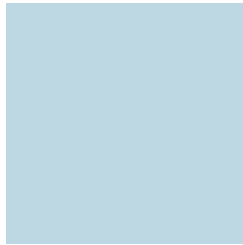
21.8165, 10.7936, 21.4970



1.5490, 0.7629, 1.6838

Previews

White Background



This preview shows how the XYZ color 59.2696, 65.4215, 81.4553 looks on a white background.

Color Contrast Check

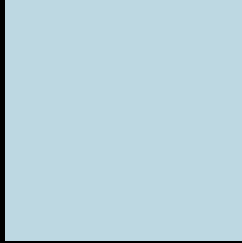
Large Text (above 18pt) WCAG AA × Fail

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 59.2696, 65.4215, 81.4553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

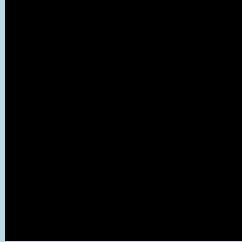
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2696, 65.4215, 81.4553

Background



This preview shows how black text looks on a background with the XYZ color 59.2696, 65.4215, 81.4553.

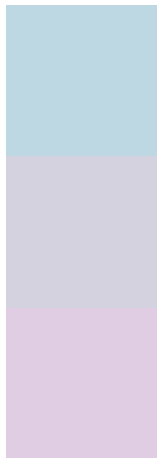


This preview shows how white text looks on a background with the XYZ color 59.2696, 65.4215,

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

59.2696, 65.4215, 81.4553

Protanopia

63.3828, 65.3642, 78.3832

Deuteranopia

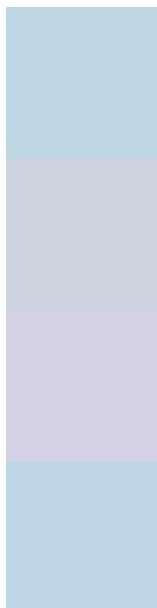
66.5754, 65.1114, 82.4576



Tritanopia

60.1011, 65.3742, 85.7947

Trichromacy



Original Color

59.2696, 65.4215, 81.4553

Protanomaly

61.7646, 65.2520, 79.1516

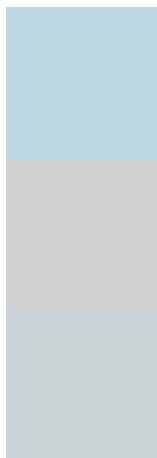
Deuteranomaly

63.5296, 64.9959, 81.8701

Tritanomaly

59.8186, 65.2612, 84.3068

Monochromacy



Original Color

59.2696, 65.4215, 81.4553

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1663, 64.5498, 73.5782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2696, 65.4215, 81.4553 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(189, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 216, 226)  
}
```

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(189, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 216, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.2696, 65.4215, 81.4553 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(189, 216, 226) }
```


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

```
.border{ border-color:rgb(189, 216, 226) }
```

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

Here you see how a box with a 4 pixel rgb(189, 216, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 216,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2696, 65.4215, 81.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 216, 226) }
```

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

```
.background{ background-color: rgb(189,  
216, 226) }
```

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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