

Converting Colors

XYZ(65.2196, 69.5279, 85.2178)

Have a look what the booklet for
XYZ(65.2196, 69.5279, 85.2178)
contains.

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Color

**XYZ(65.2089, 69.5544,
85.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDBE7
RGB	206, 219, 231
RGB Percent	81%, 86%, 91%
CMY	0.1921, 0.1412, 0.0941
CMYK	0.11, 0.05, 0.00, 0.09
HSL	209°, 34%, 86%
HSV	209°, 11%, 91%
XYZ	65.2089, 69.5544, 85.5898
YIQ	216.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

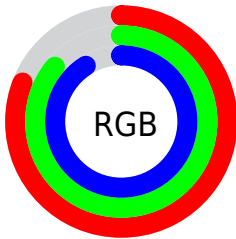
Format	Color
R _Y B	206, 215, 231
Decimal	13556711
CIE Lab	86.78, -2.02, -7.38
CIE LCh	87, 7.648, 254.681
Yxy	69.5544, 0.2959, 0.3156
Android (android.graphics.Color)	4291746791 (0xFFCEDBE7)
YUV	216.4810, 7.1579, -9.1918
Hunter-Lab	83.3993, -6.3817, -2.4678

Details

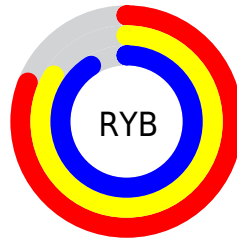
The XYZ color **65.2089, 69.5544, 85.5898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1672, 71.5874, 68.5659**, and the grayscale version is **65.5583, 68.9725, 75.1110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9622, 36.3215, 45.7782** is the 20% darker color. If you saturate the color by 10%, you get **56.4654, 60.8976, 84.3808**, and if you desaturate by 10%, it is **75.0915, 79.0881, 86.9102**.

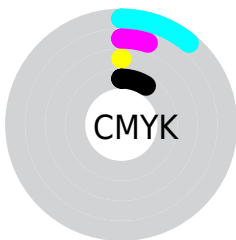
Distribution



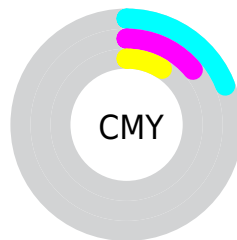
- Red (81%)
- Green (86%)
- Blue (91%)



- Red (81%)
- Yellow (84%)
- Blue (91%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2089, 69.5544, 85.5898 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 65.2089, 69.5544, 85.5898 by changing the saturation by 10% instead.

■ 65.2089, 69.5544,
85.5898

■ 65.2089, 69.5544,
85.5898

433.0756,
458.9839, 533.7731

■ 47.8958, 51.1633,
63.7759

111.4142,
118.5731, 143.0784

■ 33.9553, 36.3386,
46.0241

141.0371,
149.9695, 179.5901

■ 23.0220, 24.6958,
31.9161

175.4940,
186.4698, 221.8383

■ 14.7305, 15.8506,
21.0331

215.1502,
228.4584, 270.2413

■ 8.7156, 9.4185,
12.9567

260.3711,
276.3198, 325.2177

■ 4.6117, 5.0151,
7.2684

311.5221,

■ 2.0537, 2.2561,

330.4382, 387.1861

3.5495

368.9685,
391.1981, 456.5651

■ 0.6639, 0.7503,
1.3816

■ 0.0000, 0.0000,
0.1273

■ 65.2089, 69.5544,
85.5898

■ 65.2089, 69.5544,
85.5898

■ 56.4654, 60.8976,
84.3808

■ 75.0915, 79.0881,
86.9102

■ 48.8104, 53.0804,
83.2754

■ 86.1492, 89.5170,
88.3404

■ 42.1979, 46.0753,
82.2718

■ 90.5561, 96.8138,
89.5165

■ 36.5765, 39.8500,
81.3665

■ 91.4240, 98.5496,
89.8058

■ 31.8898, 34.3693,
80.5556

■ 28.0751, 29.5946,
79.8350

■ 25.0612, 25.4827,
79.2002

■ 22.7635, 21.9831,
78.6458

■ 21.1587, 19.2391,
78.2007

Harmonies

Analogous

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



63.7046, 69.5544, 82.8396



65.2089, 69.5544, 85.5898



66.9810, 69.5544, 85.6204

Triad

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



65.2089, 69.5544, 85.5898



69.4772, 69.5544, 73.2747



63.7308, 69.5544, 68.9723

Complementary

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



65.2089, 69.5544, 85.5898



69.1672, 71.5874, 68.5659

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.



65.2454, 69.5544, 66.6375



65.2089, 69.5544, 85.5898



68.5740, 69.5544, 69.0448

Square

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



65.2089, 69.5544, 85.5898



69.4670, 69.5544, 78.3532



67.0181, 69.5544, 66.6634



62.8617, 69.5544, 73.1717

Rectangle

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



65.2089, 69.5544, 85.5898



68.0769, 69.5544, 84.0864



67.0181, 69.5544, 66.6634



64.1802, 69.5544, 67.9519

Sweetspot

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



65.2109, 69.5573, 85.5913



91.1314, 96.2580, 108.3842



66.6420, 75.3193, 77.1280



19.2865, 20.3928, 23.1696



0.0000, 0.0000, 0.0000



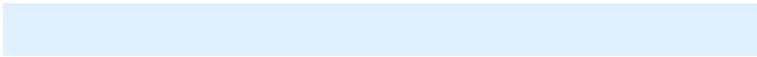
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2109, 69.5573, 85.5913



79.0218, 84.5131, 106.7555



62.1510, 63.4375, 84.5714



14.1999, 15.1212, 18.3146



11.9868, 11.0358, 43.8815



0.9787, 1.0014, 3.2737

Inverse Universe

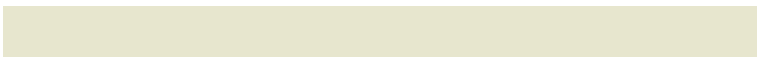
The Inverse Universe completely reimagines the original color for something new.



67.8141, 66.2474, 76.2341



82.9151, 79.6604, 92.7389



72.4399, 78.1328, 69.6568



14.6885, 14.4926, 16.5600



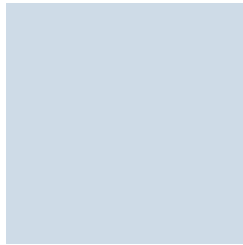
20.4439, 10.3118, 11.2326



1.5576, 0.7808, 1.0770

Previews

White Background



This preview shows how the XYZ color 65.2089, 69.5544, 85.5898 looks on a white background.

Color Contrast Check

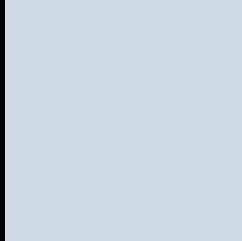
Large Text (above 18pt) WCAG AA × Fail

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 65.2089, 69.5544, 85.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

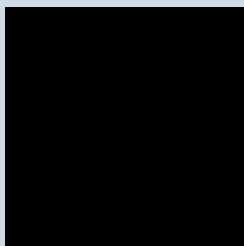
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

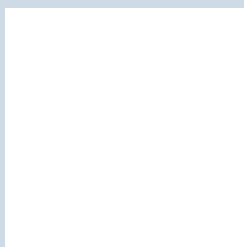
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2089, 69.5544, 85.5898

Background



This preview shows how black text looks on a background with the XYZ color 65.2089, 69.5544, 85.5898.

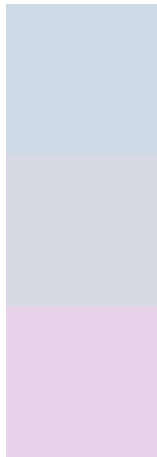


This preview shows how white text looks on a background with the XYZ color 65.2089, 69.5544,

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

65.2089, 69.5544, 85.5898

Protanopia

67.3140, 69.5206, 83.9997

Deuteranopia

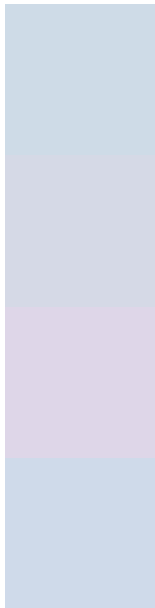
70.9572, 69.4606, 86.7582



Tritanopia

65.9439, 69.4643, 89.2892

Trichromacy



Original Color

65.2089, 69.5544, 85.5898

Protanomaly

66.5364, 69.4850, 84.7680

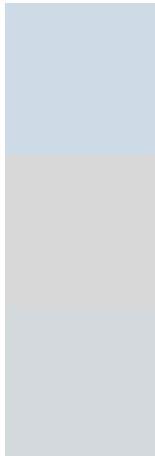
Deuteranomaly

68.7363, 69.4489, 86.1261

Tritanomaly

65.6548, 69.3487, 87.7672

Monochromacy



Original Color

65.2089, 69.5544, 85.5898

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0154, 68.8432, 78.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2089, 69.5544, 85.5898 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(206, 219, 231) looks like.

```
.text, #text, p{  
    color:rgb(206, 219, 231)  
}
```

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(206, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 219, 231) }
```

Border

The CSS property to change the border of an element to XYZ 65.2089, 69.5544, 85.5898 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(206, 219, 231) }
```


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

```
.border{ border-color:rgb(206, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(206, 219,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2089, 69.5544, 85.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 219, 231) }
```

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

```
.background{ background-color: rgb(206,  
219, 231) }
```

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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