

Converting Colors

XYZ(65.3596, 69.5827, 87.8279)

Have a look what the booklet for
XYZ(65.3596, 69.5827, 87.8279)
contains.

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Color

**XYZ(65.3596, 69.5827,
87.8279)**

Conversions

Conversions Part 1	
Format	Color
Hex	CDDBEA
RGB	205, 219, 234
RGB Percent	80%, 86%, 92%
CMY	0.1961, 0.1412, 0.0823
CMYK	0.12, 0.06, 0.00, 0.08
HSL	211°, 41%, 86%
HSV	211°, 12%, 92%
XYZ	65.3596, 69.5827, 87.8279
YIQ	216.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

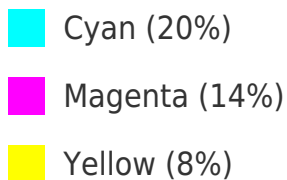
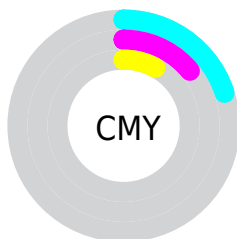
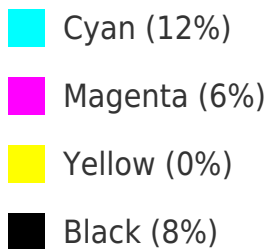
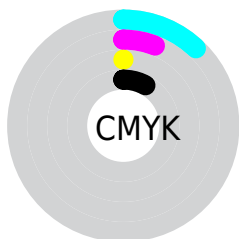
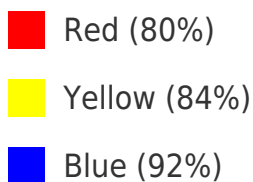
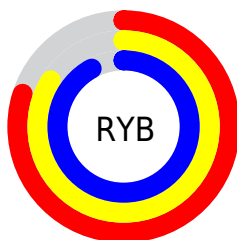
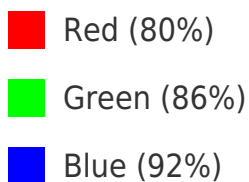
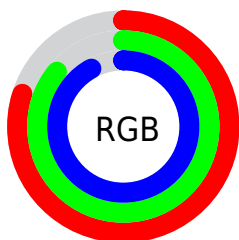
Format	Color
RYB	205, 214, 234
Decimal	13491178
CIELab	86.79, -1.74, -8.95
CIELCh	87, 9.115, 258.988
Yxy	69.5827, 0.2934, 0.3124
Android (android.graphics.Color)	4291681258 (0xFFCDDBEA)
YUV	216.5240, 8.6157, -10.1065
Hunter-Lab	83.4162, -6.1173, -4.0343

Details

The XYZ color **65.3596, 69.5827, 87.8279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5446, 73.0861, 68.1477**, and the grayscale version is **65.5788, 68.9940, 75.1345**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0738, 36.3446, 47.3388** is the 20% darker color. If you saturate the color by 10%, you get **56.3385, 60.4164, 86.5352**, and if you desaturate by 10%, it is **75.5796, 79.7115, 89.2454**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3596, 69.5827, 87.8279 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 65.3596, 69.5827, 87.8279 by changing the saturation by 10% instead.


 65.3596, 69.5827,
87.8279

 65.3596, 69.5827,
87.8279


433.6079,
459.0834, 541.3262

 48.0185, 51.1864,
65.6170


111.6295,
118.6135, 146.2266

 34.0529, 36.3570,
47.5071


141.2891,
150.0167, 183.2514

 23.0973, 24.7100,
33.0795


175.7855,
186.5244, 226.0514

 14.7865, 15.8611,
21.9157

215.4841,
228.5210, 275.0449

 8.7550, 9.4259,
13.5973

260.7503,
276.3907, 330.6507

 4.6375, 5.0200,
7.7056


311.9494,


 2.0688, 2.2590,


330.5182, 393.2871


3.8221


369.4469,
391.2876, 463.3727


 0.6721, 0.7519,
1.5282


 0.0000, 0.0000,
0.2388


 65.3596, 69.5827,
87.8279


 65.3596, 69.5827,
87.8279


 56.3385, 60.4164,
86.5352


 75.5796, 79.7115,
89.2454

 48.4628, 52.1722,
85.3590

 87.0373, 90.8241,
90.7865

 41.6834, 44.8193,
84.2971

 91.8515, 98.7206,
92.0569

 35.9454, 38.3216,
83.3453

■ 31.1885, 32.6401,
82.4994

■ 27.3457, 27.7320,
81.7546

■ 24.3404, 23.5490,
81.1055

■ 22.0811, 20.0350,
80.5463

■ 20.7558, 17.7492,
80.1750

Harmonies

Analogous

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



63.4936, 69.5827, 84.9317



65.3596, 69.5827, 87.8279



67.4733, 69.5827, 87.3643

Triad

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



65.3596, 69.5827, 87.8279



70.0717, 69.5827, 72.0234



63.1037, 69.5827, 68.3483

Complementary

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



65.3596, 69.5827, 87.8279



70.5446, 73.0861, 68.1477

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.



64.8170, 69.5827, 65.2384



65.3596, 69.5827, 87.8279



68.8512, 69.5827, 67.2805

Square

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



65.3596, 69.5827, 87.8279



70.2245, 69.5827, 78.0188



66.9191, 69.5827, 64.8582



62.2099, 69.5827, 73.5525

Rectangle

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



65.3596, 69.5827, 87.8279



68.7378, 69.5827, 85.2185



66.9191, 69.5827, 64.8582



63.6012, 69.5827, 67.0355

Sweetspot

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



65.3616, 69.5856, 87.8294



89.7367, 94.7971, 108.1758



67.5169, 76.9924, 79.0022



18.9993, 20.0857, 23.1255



0.0000, 0.0000, 0.0000



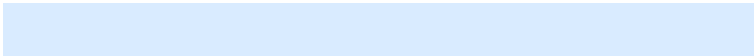
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3616, 69.5856, 87.8294



76.3623, 81.4760, 106.3095



61.9942, 62.6524, 86.6687



14.8315, 15.7493, 19.1805



11.7882, 10.2235, 45.0950



1.0216, 0.9946, 3.5730

Inverse Universe

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



68.5508, 66.2709, 76.1998



81.0156, 76.7678, 89.3115



74.2166, 80.6653, 69.4171



15.3685, 15.1752, 17.2257



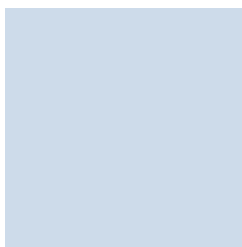
20.8055, 10.5249, 10.0428



1.6821, 0.8458, 1.0436

Previews

White Background



This preview shows how the XYZ color 65.3596, 69.5827, 87.8279 looks on a white background.

Color Contrast Check

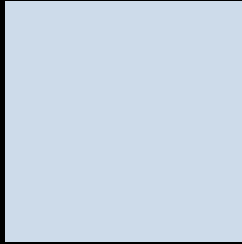
Large Text (above 18pt) WCAG AA × Fail

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 65.3596, 69.5827, 87.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

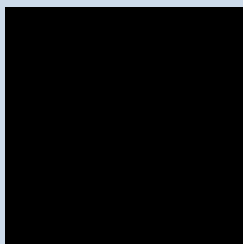
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

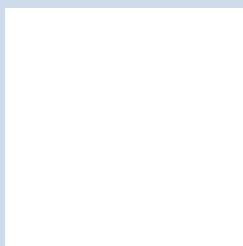
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3596, 69.5827, 87.8279

Background



This preview shows how black text looks on a background with the XYZ color 65.3596, 69.5827, 87.8279.

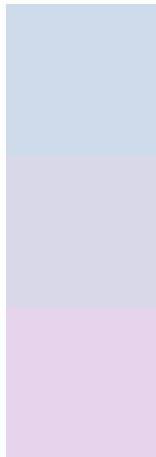


This preview shows how white text looks on a background with the XYZ color 65.3596, 69.5827,

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

65.3596, 69.5827, 87.8279

Protanopia

67.7366, 69.6896, 86.2253

Deuteranopia

71.0677, 69.4677, 89.0198



Tritanopia

65.6487, 69.6983, 89.3499

Trichromacy

	Original Color 65.3596, 69.5827, 87.8279
	Protanomaly 66.9614, 69.6550, 87.0063
	Deuteranomaly 68.8608, 69.4634, 88.3757
	Tritanomaly 65.5038, 69.6403, 88.5868

Monochromacy

	Original Color 65.3596, 69.5827, 87.8279
	Achromatopsia 65.9525, 69.3872, 75.5626
	Achromatomaly 65.8313, 69.6167, 79.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3596, 69.5827, 87.8279 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(205, 219, 234) looks like.

```
.text, #text, p{  
    color:rgb(205, 219, 234)  
}
```

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(205, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 219, 234) }
```

Border

The CSS property to change the border of an element to XYZ 65.3596, 69.5827, 87.8279 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(205, 219, 234) }
```


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

```
.border{ border-color:rgb(205, 219, 234) }
```

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

Here you see how a box with a 4 pixel rgb(205, 219, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(205, 219,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3596, 69.5827, 87.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 219, 234) }
```

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

```
.background{ background-color: rgb(205,  
219, 234) }
```

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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