

Converting Colors

XYZ(66.1113, 69.1500, 89.9836)

Have a look what the booklet for
XYZ(66.1113, 69.1500, 89.9836)
contains.

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Color

**XYZ(66.1113, 69.1500,
89.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D9ED
RGB	208, 217, 237
RGB Percent	82%, 85%, 93%
CMY	0.1843, 0.1490, 0.0706
CMYK	0.12, 0.08, 0.00, 0.07
HSL	221°, 45%, 87%
HSV	221°, 12%, 93%
XYZ	66.1113, 69.1500, 89.9836
YIQ	216.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

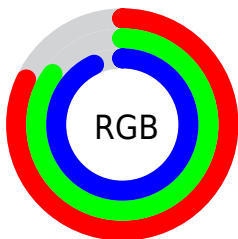
Format	Color
R _Y B	208, 215, 237
Decimal	13687277
CIE Lab	86.58, 0.86, -10.83
CIE LCh	87, 10.861, 274.566
Yxy	69.1500, 0.2935, 0.3070
Android (android.graphics.Color)	4291877357 (0xFFD0D9ED)
YUV	216.5890, 10.0626, -7.5326
Hunter-Lab	83.1565, -3.6123, -5.9482

Details

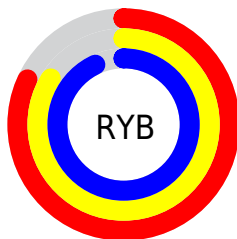
The XYZ color **66.1113, 69.1500, 89.9836** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0539, 78.0450, 70.8369**, and the grayscale version is **65.6129, 69.0299, 75.1736**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3977, 35.9492, 48.8420** is the 20% darker color. If you saturate the color by 10%, you get **55.9338, 57.9582, 88.3609**, and if you desaturate by 10%, it is **77.7057, 81.6952, 91.7951**.

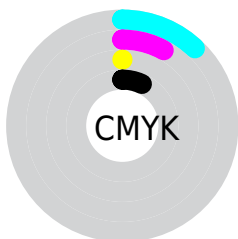
Distribution



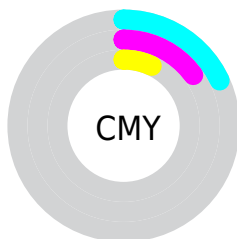
- Red (82%)
- Green (85%)
- Blue (93%)



- Red (82%)
- Yellow (84%)
- Blue (93%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1113, 69.1500, 89.9836 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 66.1113, 69.1500, 89.9836 by changing the saturation by 10% instead.

■ 66.1113, 69.1500,
89.9836

■ 66.1113, 69.1500,
89.9836

436.2572,
457.5598, 548.5462

■ 48.6308, 50.8339,
67.3934

112.7029,
117.9958, 149.2509

■ 34.5400, 36.0764,
48.9408

142.5447,
149.2943, 186.7652

■ 23.4736, 24.4932,
34.2072

177.2377,
185.6890, 230.0911

■ 15.0662, 15.6999,
22.7742

217.1472,
227.5643, 279.6474

■ 8.9525, 9.3120,
14.2231

262.6385,
275.3047, 335.8525

■ 4.7671, 4.9453,
8.1355

314.0770,

■ 2.1446, 2.2152,

329.2944, 399.1250

4.0928

371.8281,
389.9180, 469.8834

■ 0.7133, 0.7283,
1.6764

■ 0.0000, 0.0000,
0.3445

■ 66.1113, 69.1500,
89.9836

■ 66.1113, 69.1500,
89.9836

■ 55.9338, 57.9582,
88.3609

■ 77.7057, 81.6952,
91.7951

■ 47.1111, 48.0643,
86.9162

■ 90.6155, 95.5531,
93.7895

■ 39.5851, 39.4215,
85.6446

■ 92.2863, 98.8945,
94.3464

■ 33.2913, 31.9767,
84.5393

■ 28.1592, 25.6729,
83.5931

■ 24.1105, 20.4476,
82.7979

■ 21.0566, 16.2315,
82.1450

■ 18.8923, 12.9450,
81.6247

■ 17.7069, 10.9557,
81.3033

Harmonies

Analogous

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



63.6667, 69.1500, 88.5270



66.1113, 69.1500, 89.9836



68.5114, 69.1500, 87.3027

Triad

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



66.1113, 69.1500, 89.9836



69.7947, 69.1500, 67.6937



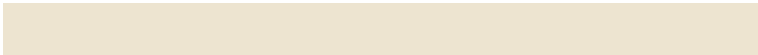
61.4473, 69.1500, 69.4909

Complementary

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



66.1113, 69.1500, 89.9836



74.0539, 78.0450, 70.8369

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.



63.0152, 69.1500, 64.4378



66.1113, 69.1500, 89.9836



67.8272, 69.1500, 63.4476

Square

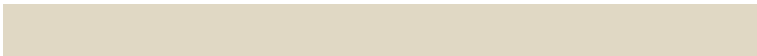
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1113, 69.1500, 89.9836



70.6723, 69.1500, 74.1938



65.3402, 69.1500, 62.2945



61.0142, 69.1500, 76.4022

Rectangle

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



66.1113, 69.1500, 89.9836



69.7509, 69.1500, 83.6245



65.3402, 69.1500, 62.2945



61.8571, 69.1500, 67.5334

Sweetspot

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



66.1134, 69.1529, 89.9851



89.1936, 93.7108, 107.9947



70.2759, 79.5707, 84.9213



18.8620, 19.8111, 23.0797



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.



66.1134, 69.1529, 89.9851



74.5066, 77.7646, 105.6909



65.3757, 65.4211, 89.3037



14.6127, 15.3118, 19.1076



9.7698, 6.1867, 44.4222



0.8500, 0.6515, 3.5158

Inverse Universe

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



70.0069, 68.1275, 75.1091



80.0790, 76.3931, 84.3790



74.8465, 82.2265, 71.6023



15.2580, 15.1311, 16.6442



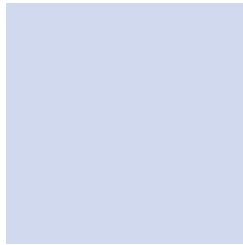
19.7867, 10.1174, 4.6779



1.5955, 0.8112, 0.5875

Previews

White Background



This preview shows how the XYZ color 66.1113, 69.1500, 89.9836 looks on a white background.

Color Contrast Check

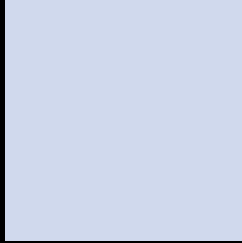
Large Text (above 18pt) WCAG AA × Fail

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 66.1113, 69.1500, 89.9836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

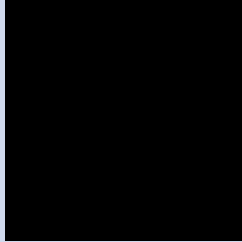
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1113, 69.1500, 89.9836

Background



This preview shows how black text looks on a background with the XYZ color 66.1113, 69.1500, 89.9836.



This preview shows how white text looks on a background with the XYZ color 66.1113, 69.1500,

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

66.1113, 69.1500, 89.9836

Protanopia

67.4651, 69.1041, 89.1395

Deuteranopia

70.7218, 69.2556, 90.5291



Tritanopia

65.8207, 69.0338, 88.4530

Trichromacy



Original Color

66.1113, 69.1500, 89.9836

Protanomaly

66.8476, 69.1649, 89.1838

Deuteranomaly

69.0457, 69.1337, 90.5940

Tritanomaly

65.9656, 69.0917, 89.2162

Monochromacy



Original Color

66.1113, 69.1500, 89.9836

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.9990, 69.3037, 80.4194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1113, 69.1500, 89.9836 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(208, 217, 237) looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 237)  
}
```

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(208, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 237) }
```

Border

The CSS property to change the border of an element to XYZ 66.1113, 69.1500, 89.9836 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(208, 217, 237) }
```


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

```
.border{ border-color:rgb(208, 217, 237) }
```

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

Here you see how a box with a 4 pixel rgb(208, 217, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1113, 69.1500, 89.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 237) }
```

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

```
.background{ background-color: rgb(208,  
217, 237) }
```

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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