

Converting Colors

XYZ(66.9374, 69.7431, 93.8574)

Have a look what the booklet for
XYZ(66.9374, 69.7431, 93.8574)
contains.

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Color

**XYZ(67.1108, 69.9635,
93.9716)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DAF2
RGB	208, 218, 242
RGB Percent	82%, 85%, 95%
CMY	0.1843, 0.1451, 0.0510
CMYK	0.14, 0.10, 0.00, 0.05
HSL	222°, 57%, 88%
HSV	222°, 14%, 95%
XYZ	67.1108, 69.9635, 93.9716
YIQ	217.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

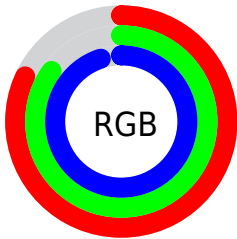
Format	Color
R _Y B	208, 216, 242
Decimal	13687538
CIE Lab	86.98, 1.36, -12.87
CIE LCh	87, 12.940, 276.028
Yxy	69.9635, 0.2905, 0.3028
Android (android.graphics.Color)	4291877618 (0xFFD0DAF2)
YUV	217.7460, 11.9572, -8.5472
Hunter-Lab	83.6442, -3.1602, -8.0595

Details

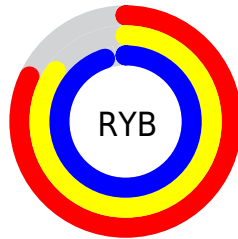
The XYZ color **67.1108, 69.9635, 93.9716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8601, 81.1441, 71.2873**, and the grayscale version is **66.3944, 69.8520, 76.0689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0970, 36.5119, 51.6521** is the 20% darker color. If you saturate the color by 10%, you get **56.6160, 58.3149, 92.2774**, and if you desaturate by 10%, it is **79.1043, 83.0660, 95.8696**.

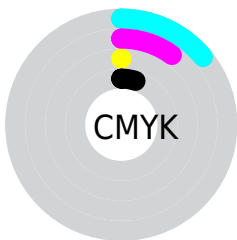
Distribution



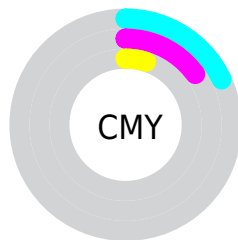
- Red (82%)
- Green (85%)
- Blue (95%)



- Red (82%)
- Yellow (85%)
- Blue (95%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1108, 69.9635, 93.9716 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 67.1108, 69.9635, 93.9716 by changing the saturation by 10% instead.

■ 67.1108, 69.9635,
93.9716

■ 67.1108, 69.9635,
93.9716

439.7653,
460.4218, 561.7674

■ 49.4457, 51.4968,
70.6872

114.1281,
119.1567, 154.8264

■ 35.1892, 36.6041,
51.6067

144.2110,
150.6520, 193.2338

■ 23.9758, 24.9011,
36.3116

179.1639,
187.2589, 237.5194

■ 15.4403, 16.0034,
24.3833

219.3521,
229.3618, 288.1016

■ 9.2173, 9.5266,
15.4034

265.1410,
277.3452, 345.3989

■ 4.9414, 5.0862,
8.9532

316.8959,

■ 2.2473, 2.2979,

331.5934, 409.8300

4.6143

374.9822,
392.4908, 481.8133

■ 0.7675, 0.7726,
1.9680

■ 0.0000, 0.0000,
0.5355

■ 67.1108, 69.9635,
93.9716

■ 67.1108, 69.9635,
93.9716

■ 56.6160, 58.3149,
92.2774

■ 79.1043, 83.0660,
95.8696

■ 47.5531, 48.0598,
90.7757

■ 92.1296, 97.3957,
97.9490

■ 39.8591, 39.1461,
89.4607

■ 93.0272, 99.1909,
98.2482

■ 33.4641, 31.5153,
88.3248

■ 28.2911, 25.1038,
87.3599

■ 24.2550, 19.8422,
86.5571

■ 21.2581, 15.6529,
85.9064

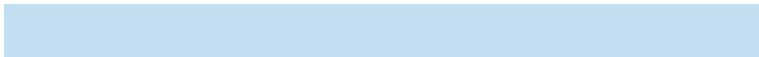
■ 19.1840, 12.4463,
85.3968

■ 18.2931, 10.9426,
85.1535

Harmonies

Analogous

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



64.1632, 69.9635, 92.4335



67.1108, 69.9635, 93.9716



69.9779, 69.9635, 90.4580

Triad

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



67.1108, 69.9635, 93.9716



71.3133, 69.9635, 66.7957



61.3244, 69.9635, 69.6096

Complementary

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



67.1108, 69.9635, 93.9716



76.8601, 81.1441, 71.2873

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.



63.1358, 69.9635, 63.4866



67.1108, 69.9635, 93.9716



68.8892, 69.9635, 61.9502

Square

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



67.1108, 69.9635, 93.9716



72.4511, 69.9635, 74.4427



65.8894, 69.9635, 60.7861



60.8807, 69.9635, 77.9408

Rectangle

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



67.1108, 69.9635, 93.9716



71.4388, 69.9635, 85.8696



65.8894, 69.9635, 60.7861



61.7908, 69.9635, 67.2451

Sweetspot

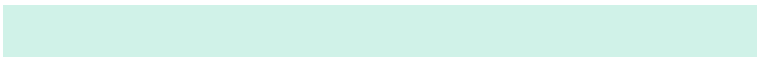
The Sweet Spot groups the original color and five complimentary colors.



67.1129, 69.9664, 93.9732



89.1427, 93.6090, 107.9778



72.3029, 82.7302, 88.3540



18.8492, 19.7854, 23.0755



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.



67.1129, 69.9664, 93.9732



71.8649, 74.6937, 105.2374



66.5498, 65.9408, 93.2258



15.2762, 15.9865, 20.0022



9.9298, 6.0838, 45.7788



0.9091, 0.6722, 3.8361

Inverse Universe

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



71.8303, 69.0525, 75.8756



78.2055, 73.5759, 80.8882



77.4655, 85.7558, 72.1455



15.9641, 15.8354, 17.3672



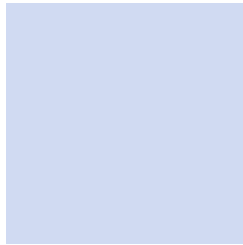
20.3377, 10.4075, 4.4289



1.7338, 0.8826, 0.5892

Previews

White Background



This preview shows how the XYZ color 67.1108, 69.9635, 93.9716 looks on a white background.

Color Contrast Check

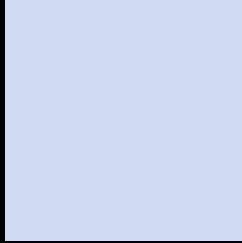
Large Text (above 18pt) WCAG AA × Fail

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 67.1108, 69.9635, 93.9716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

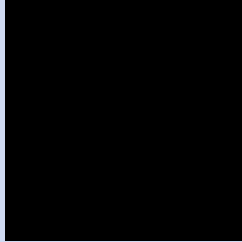
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1108, 69.9635, 93.9716

Background



This preview shows how black text looks on a background with the XYZ color 67.1108, 69.9635, 93.9716.



This preview shows how white text looks on a background with the XYZ color 67.1108, 69.9635,

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

67.1108, 69.9635, 93.9716

Protanopia

68.4574, 69.9097, 93.1049

Deuteranopia

71.3997, 69.8889, 94.5208



Tritanopia

66.2040, 69.9846, 89.3759

Trichromacy



Original Color

67.1108, 69.9635, 93.9716

Protanomaly

67.8414, 69.9736, 93.1497

Deuteranomaly

69.7394, 69.7798, 94.5872

Tritanomaly

66.4963, 70.1015, 90.9151

Monochromacy



Original Color

67.1108, 69.9635, 93.9716

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.6681, 69.9850, 82.6677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1108, 69.9635, 93.9716 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, 218, 242) looks like.

```
.text, #text, p{  
    color:rgb(208, 218, 242)  
}
```

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, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 218, 242) }
```

Border

The CSS property to change the border of an element to XYZ 67.1108, 69.9635, 93.9716 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, 218, 242) }
```


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

```
.border{ border-color:rgb(208, 218, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 218, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(208, 218,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1108, 69.9635, 93.9716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 218, 242) }
```

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

```
.background{ background-color: rgb(208,  
218, 242) }
```

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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