

Converting Colors

XYZ(67.6120, 69.1290, 91.4411)

Have a look what the booklet for
XYZ(67.6120, 69.1290, 91.4411)
contains.

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Color

**XYZ(67.6120, 69.1290,
91.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D7EF
RGB	214, 215, 239
RGB Percent	84%, 84%, 94%
CMY	0.1608, 0.1568, 0.0627
CMYK	0.10, 0.10, 0.00, 0.06
HSL	238°, 44%, 89%
HSV	238°, 10%, 94%
XYZ	67.6120, 69.1290, 91.4411
YIQ	217.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

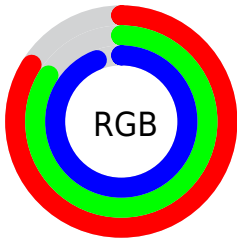
Format	Color
R _Y B	214, 215, 239
Decimal	14079983
CIE Lab	86.57, 4.24, -11.85
CIE LCh	87, 12.587, 289.668
Yxy	69.1290, 0.2963, 0.3030
Android (android.graphics.Color)	4292270063 (0xFFD6D7EF)
YUV	217.4370, 10.6306, -3.0142
Hunter-Lab	83.1439, -0.3468, -7.0061

Details

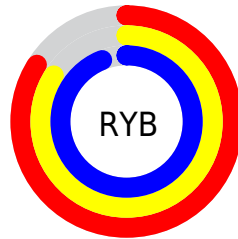
The XYZ color **67.6120, 69.1290, 91.4411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.3091, 84.3544, 75.7745**, and the grayscale version is **66.1882, 69.6352, 75.8327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4161, 35.9314, 49.8686** is the 20% darker color. If you saturate the color by 10%, you get **55.7044, 54.9195, 89.3271**, and if you desaturate by 10%, it is **81.3662, 85.5101, 93.8791**.

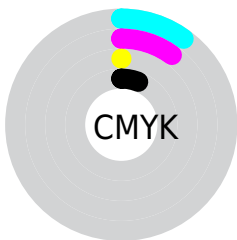
Distribution



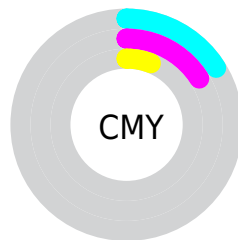
- Red (84%)
- Green (84%)
- Blue (94%)



- Red (84%)
- Yellow (84%)
- Blue (94%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6120, 69.1290, 91.4411 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 67.6120, 69.1290, 91.4411 by changing the saturation by 10% instead.

67.6120, 69.1290,
91.4411

67.6120, 69.1290,
91.4411

441.5184,
457.4858, 553.3982

49.8547, 50.8168,
68.5961

114.8419,
117.9658, 151.2915

35.5153, 36.0628,
49.9131

145.0451,
149.2592, 189.1339

24.2284, 24.4827,
34.9737

180.1277,
185.6484, 232.8126

15.6288, 15.6921,
23.3592

220.4550,
227.5178, 282.7461

9.3510, 9.3065,
14.6512

266.3924,
275.2519, 339.3528

5.0298, 4.9417,
8.4310

318.3052,

2.2997, 2.2131,

329.2350, 403.0514

4.2803

376.5587,
389.8515, 474.2603

■ 0.7945, 0.7271,
1.7803

■ 0.0000, 0.0000,
0.4149

■ 67.6120, 69.1290,
91.4411

■ 67.6120, 69.1290,
91.4411

■ 55.7044, 54.9195,
89.3271

■ 81.3662, 85.5101,
93.8791

■ 45.5591, 42.7822,
87.5191

■ 92.5802, 99.0121,
95.8942

■ 37.0941, 32.6230,
86.0043

■ 30.2187, 24.3371,
84.7673

■ 24.8336, 17.8099,
83.7913

■ 20.8284, 12.9144,
83.0574

■ 18.0773, 9.5064,
82.5446

■ 16.4314, 7.4168,
82.2280

■ 15.6843, 6.4402,
82.0789

Harmonies

Analogous

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



64.7037, 69.1290, 92.2141



67.6120, 69.1290, 91.4411



70.0765, 69.1290, 86.1583

Triad

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



67.6120, 69.1290, 91.4411



69.4045, 69.1290, 63.6706



60.3373, 69.1290, 72.4239

Complementary

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



67.6120, 69.1290, 91.4411



78.3091, 84.3544, 75.7745

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.



61.5192, 69.1290, 65.3395



67.6120, 69.1290, 91.4411



66.7167, 69.1290, 60.5396

Square

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



67.6120, 69.1290, 91.4411



71.1325, 69.1290, 69.9889



63.8343, 69.1290, 61.1271



60.5610, 69.1290, 80.8097

Rectangle

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



67.6120, 69.1290, 91.4411



71.1090, 69.1290, 80.9933



63.8343, 69.1290, 61.1271



60.5820, 69.1290, 69.8223

Sweetspot

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



67.6141, 69.1319, 91.4426



89.9933, 93.9818, 108.0049



73.9952, 82.1888, 92.6617



18.9802, 19.7802, 23.0675



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.



67.6141, 69.1319, 91.4426



74.5640, 75.5973, 105.2695



70.7572, 70.3743, 91.5168



14.9481, 15.3303, 19.8928



8.6898, 3.6038, 45.3655



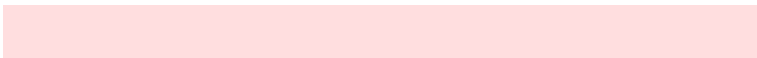
0.7407, 0.3354, 3.7799

Inverse Universe

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



71.9106, 71.3517, 74.2754



80.6650, 78.7603, 80.8899



74.9210, 83.0424, 75.6998



15.7985, 15.7691, 16.4951



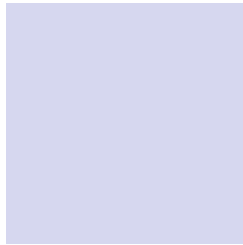
19.7118, 10.1572, 1.1331



1.6488, 0.8486, 0.1415

Previews

White Background



This preview shows how the XYZ color 67.6120, 69.1290, 91.4411 looks on a white background.

Color Contrast Check

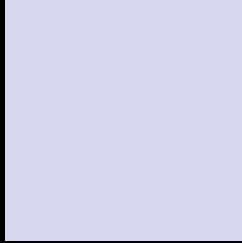
Large Text (above 18pt) WCAG AA × Fail

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 67.6120, 69.1290, 91.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

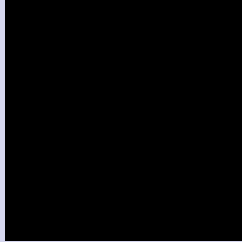
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6120, 69.1290, 91.4411

Background



This preview shows how black text looks on a background with the XYZ color 67.6120, 69.1290, 91.4411.

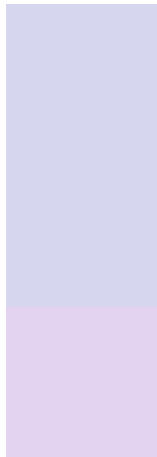


This preview shows how white text looks on a background with the XYZ color 67.6120, 69.1290,

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

67.6120, 69.1290, 91.4411

Protanopia

67.6120, 69.1290, 91.4411

Deuteranopia

70.7010, 69.2107, 92.0707



Tritanopia

66.7044, 69.1411, 86.9207

Trichromacy



Original Color

67.6120, 69.1290, 91.4411

Protanomaly

67.6120, 69.1290, 91.4411

Deuteranomaly

69.3959, 68.9078, 92.0811

Tritanomaly

66.9918, 69.2560, 88.4342

Monochromacy



Original Color

67.6120, 69.1290, 91.4411

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4654, 69.1469, 81.0777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6120, 69.1290, 91.4411 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(214, 215, 239) looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 239)  
}
```

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(214, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 239) }
```

Border

The CSS property to change the border of an element to XYZ 67.6120, 69.1290, 91.4411 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(214, 215, 239) }
```


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

```
.border{ border-color:rgb(214, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6120, 69.1290, 91.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 239) }
```

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

```
.background{ background-color: rgb(214,  
215, 239) }
```

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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