

Converting Colors

XYZ(76.2100, 75.7191,
139.8341)

Have a look what the booklet for
XYZ(76.2100, 75.7191, 139.8341)
contains.

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Color

**XYZ(69.6145, 72.9745,
105.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDFFF
RGB	205, 223, 255
RGB Percent	80%, 87%, 100%
CMY	0.1961, 0.1255, 0.0000
CMYK	0.20, 0.13, 0.00, 0.00
HSL	218°, 100%, 90%
HSV	218°, 20%, 100%
XYZ	69.6145, 72.9745, 105.0241
YIQ	221.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

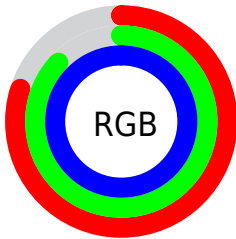
Format	Color
R _Y B	205, 218, 255
Decimal	13492223
CIE Lab	88.44, 0.55, -17.55
CIE LCh	88, 17.556, 271.794
Yxy	72.9745, 0.2811, 0.2947
Android (android.graphics.Color)	4291682303 (0xFFCDDFFF)
YUV	221.2660, 16.6309, -14.2653
Hunter-Lab	85.4251, -4.0310, -13.0953

Details

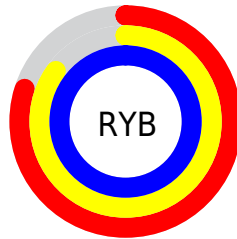
The XYZ color **69.6145, 72.9745, 105.0241** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5433, 86.2351, 70.0538**, and the grayscale version is **68.8132, 72.3968, 78.8401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7734, 38.5665, 58.9320** is the 20% darker color. If you saturate the color by 10%, you get **58.9937, 61.3375, 103.3378**, and if you desaturate by 10%, it is **81.8059, 86.0487, 106.9052**.

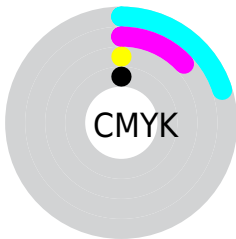
Distribution



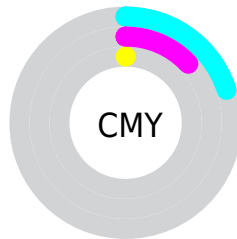
- Red (80%)
- Green (87%)
- Blue (100%)



- Red (80%)
- Yellow (85%)
- Blue (100%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6145, 72.9745, 105.0241 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 69.6145, 72.9745, 105.0241 by changing the saturation by 10% instead.

69.6145, 72.9745,
105.0241

69.6145, 72.9745,
105.0241

448.4828,
470.9264, 597.5668

51.4908, 53.9551,
79.8628

117.6881,
123.4410, 170.1563

36.8220, 38.5658,
59.0799

148.3687,
155.6569, 210.9644

25.2427, 26.4221,
42.2570

183.9657,
193.0405, 257.8250

16.3877, 17.1397,
28.9755

224.8443,
235.9760, 311.1568

9.8915, 10.3341,
18.8169

271.3700,
284.8480, 371.3784

5.3888, 5.6211,
11.3626

323.9080,

2.5142, 2.6161,

340.0408, 438.9082

6.1940

382.8239,
401.9388, 514.1648

■ 0.9024, 0.9347,
2.8927

■ 0.0000, 0.0000,
1.0401

■ 69.6145, 72.9745,
105.0241

■ 69.6145, 72.9745,
105.0241

■ 58.9937, 61.3375,
103.3378

■ 81.8059, 86.0487,
106.9052

■ 49.8702, 51.0767,
101.8381

95.0500, 100.0000,
108.9000

■ 42.1735, 42.1395,
100.5187

■ 35.8248, 34.4657,
99.3721

■ 30.7371, 27.9904,
98.3904

■ 26.8118, 22.6412,
97.5648

■ 23.9337, 18.3357,
96.8855

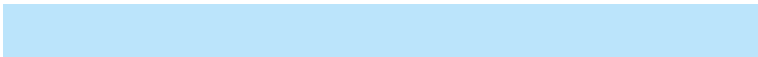
■ 21.9294, 14.9602,
96.3395

■ 21.8612, 14.8424,
96.3204

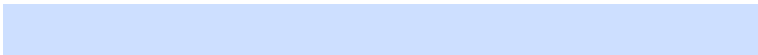
Harmonies

Analogous

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



65.5948, 72.9745, 101.7487



69.6145, 72.9745, 105.0241



73.7242, 72.9745, 100.8929

Triad

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



69.6145, 72.9745, 105.0241



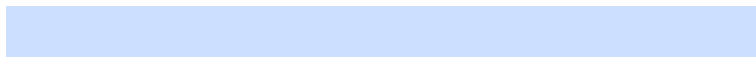
76.4887, 72.9745, 67.8299



62.4515, 72.9745, 68.9706

Complementary

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



69.6145, 72.9745, 105.0241



82.5433, 86.2351, 70.0538

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.



65.1717, 72.9745, 61.2948



69.6145, 72.9745, 105.0241



73.2667, 72.9745, 60.6847

Square

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



69.6145, 72.9745, 105.0241



77.7916, 72.9745, 78.7313



69.1063, 72.9745, 58.4172



61.5609, 72.9745, 80.1868

Rectangle

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



69.6145, 72.9745, 105.0241



75.9344, 72.9745, 94.7155



69.1063, 72.9745, 58.4172



63.1766, 72.9745, 65.9318

Sweetspot

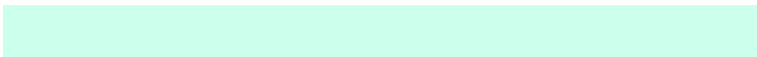
The Sweet Spot groups the original color and five complimentary colors.



69.6165, 72.9774, 105.0246



86.5991, 91.1241, 107.6322



76.1751, 90.5945, 93.3380



18.3466, 19.3045, 23.0091



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.



69.6165, 72.9774, 105.0246



64.7606, 67.6905, 104.2601



66.9380, 64.8318, 103.5935



17.5383, 18.4482, 22.8864



11.5511, 8.0118, 50.3722



1.2238, 0.9783, 4.9376

Inverse Universe

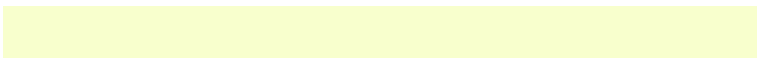
The Inverse Universe completely reimagines the original color for something new.



76.3919, 70.2519, 79.3491



72.8607, 64.7040, 73.5034



85.6096, 95.9454, 71.7665



18.2796, 18.0952, 20.0895



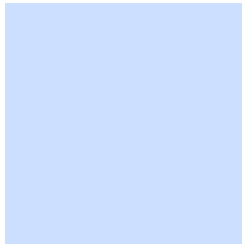
22.6187, 11.5368, 6.6424



2.2523, 1.1433, 0.9102

Previews

White Background



This preview shows how the XYZ color 69.6145, 72.9745, 105.0241 looks on a white background.

Color Contrast Check

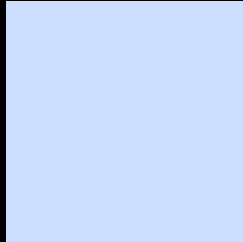
Large Text (above 18pt) WCAG AA × Fail

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 69.6145, 72.9745, 105.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

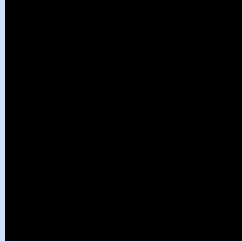
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

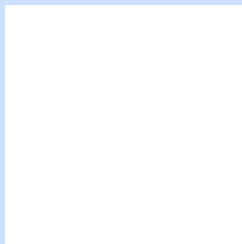
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6145, 72.9745, 105.0241

Background



This preview shows how black text looks on a background with the XYZ color 69.6145, 72.9745, 105.0241.



This preview shows how white text looks on a background with the XYZ color 69.6145, 72.9745,

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

69.6145, 72.9745, 105.0241

Protanopia

71.6417, 72.8772, 103.2193

Deuteranopia

73.9699, 72.5005, 104.7031



Tritanopia

67.7315, 73.0180, 95.3181

Trichromacy



Original Color

69.6145, 72.9745, 105.0241

Protanomaly

70.8972, 72.8657, 104.0937

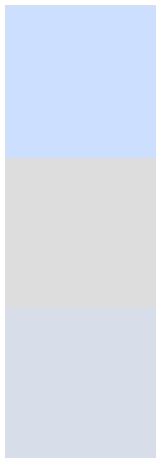
Deuteranomaly

72.2950, 72.7885, 104.8470

Tritanomaly

68.3460, 72.8641, 98.4576

Monochromacy



Original Color

69.6145, 72.9745, 105.0241

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8536, 72.5728, 87.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6145, 72.9745, 105.0241 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, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 223, 255)  
}
```

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, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.6145, 72.9745, 105.0241 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, 223, 255) }
```


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

```
.border{ border-color:rgb(205, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6145, 72.9745, 105.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 223, 255) }
```

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

```
.background{ background-color: rgb(205,  
223, 255) }
```

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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