

Converting Colors

XYZ(69.5839, 70.0381,
107.0274)

Have a look what the booklet for
XYZ(69.5839, 70.0381, 107.0274)
contains.

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Color

**XYZ(69.1842, 70.0334,
104.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D8FF
RGB	210, 216, 255
RGB Percent	82%, 85%, 100%
CMY	0.1765, 0.1529, 0.0000
CMYK	0.18, 0.15, 0.00, 0.00
HSL	232°, 100%, 91%
HSV	232°, 18%, 100%
XYZ	69.1842, 70.0334, 104.4791
YIQ	218.6520, -16.0950, 10.8570

Conversions

Conversions Part 2

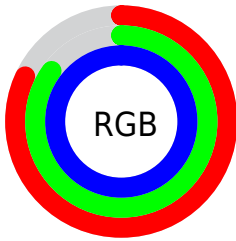
Format	Color
R _Y B	210, 215, 255
Decimal	13818111
CIE Lab	87.01, 5.75, -19.66
CIE LCh	87, 20.481, 286.304
Yxy	70.0334, 0.2839, 0.2874
Android (android.graphics.Color)	4292008191 (0xFFD2D8FF)
YUV	218.6520, 17.9196, -7.5878
Hunter-Lab	83.6860, 1.1177, -15.4414

Details

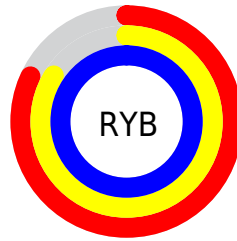
The XYZ color **69.1842, 70.0334, 104.4791** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.7481, 93.6632, 74.4811**, and the grayscale version is **66.9805, 70.4687, 76.7404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4555, 36.5355, 58.5567** is the 20% darker color. If you saturate the color by 10%, you get **57.2087, 56.0144, 102.4044**, and if you desaturate by 10%, it is **83.0817, 86.1771, 106.8627**.

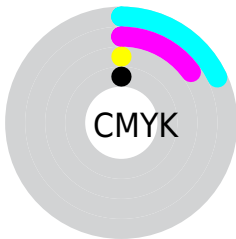
Distribution



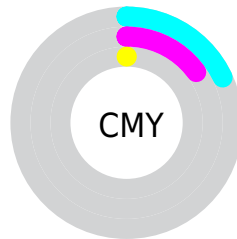
- Red (82%)
- Green (85%)
- Blue (100%)



- Red (82%)
- Yellow (84%)
- Blue (100%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1842, 70.0334, 104.4791 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 69.1842, 70.0334, 104.4791 by changing the saturation by 10% instead.

■ 69.1842, 70.0334,
104.4791

■ 69.1842, 70.0334,
104.4791

446.9916,
460.6673, 595.8285

■ 51.1389, 51.5538,
79.4088

117.0773,
119.2564, 169.4044

■ 36.5407, 36.6495,
58.7087

147.6558,
150.7685, 210.0964

■ 25.0241, 24.9362,
41.9602

183.1427,
187.3936, 256.8328

■ 16.2238, 16.0296,
28.7448

223.9034,
229.5161, 310.0320

■ 9.7745, 9.5451,
18.6439

270.3033,
277.5203, 370.1127

■ 5.3108, 5.0984,
11.2391

322.7078,

■ 2.4674, 2.3051,

331.7906, 437.4933

6.1117

381.4821,
392.7115, 512.5924

■ 0.8788, 0.7764,
2.8432

■ 0.0000, 0.0000,
1.0151

■ 69.1842, 70.0334,
104.4791

■ 69.1842, 70.0334,
104.4791

■ 57.2087, 56.0144,
102.4044

■ 83.0817, 86.1771,
106.8627

■ 47.0645, 44.0231,
100.6245

95.0500, 100.0000,
108.9000

■ 38.6624, 33.9676,
99.1264

■ 31.9031, 25.7453,
97.8956

■ 26.6774, 19.2443,
96.9162

■ 22.8625, 14.3399,
96.1706

■ 20.3159, 10.8904,
95.6390

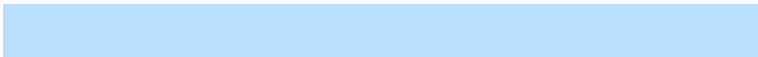
■ 18.8578, 8.7240,
95.2977

■ 18.6225, 8.3649,
95.2408

Harmonies

Analogous

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



64.4075, 70.0334, 104.8630



69.1842, 70.0334, 104.4791



73.4490, 70.0334, 95.9687

Triad

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



69.1842, 70.0334, 104.4791



73.1328, 70.0334, 58.7273



58.0105, 70.0334, 70.1776

Complementary

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



69.1842, 70.0334, 104.4791



86.7481, 93.6632, 74.4811

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.



60.1245, 70.0334, 59.4437



69.1842, 70.0334, 104.4791



68.7694, 70.0334, 53.3889

Square

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



69.1842, 70.0334, 104.4791



75.8025, 70.0334, 69.0857



64.0121, 70.0334, 53.6343



58.1096, 70.0334, 83.9027

Rectangle

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



69.1842, 70.0334, 104.4791



75.3605, 70.0334, 87.3549



64.0121, 70.0334, 53.6343



58.4813, 70.0334, 66.1367

Sweetspot

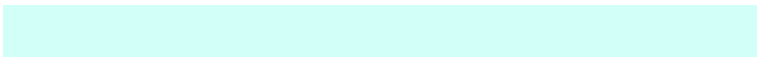
The Sweet Spot groups the original color and five complimentary colors.



69.1861, 70.0362, 104.4796



87.0897, 90.8132, 107.5463



79.3212, 92.0149, 102.5907



18.4100, 19.1710, 22.9800



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.



69.1861, 70.0362, 104.4796



64.9593, 65.1015, 103.7499



72.3834, 69.4430, 104.1966



17.1983, 17.7682, 22.7731



9.7902, 4.4899, 49.7852



1.0106, 0.5519, 4.8665

Inverse Universe

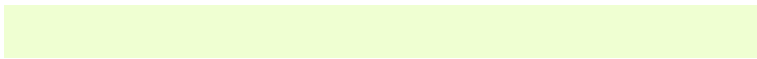
The Inverse Universe completely reimagines the original color for something new.



76.6825, 72.3125, 74.8851



73.6900, 67.8267, 69.2658



83.0745, 94.5677, 74.8493



18.1080, 18.0265, 19.1859



21.7298, 11.1812, 1.9618



2.1447, 1.1003, 0.3435

Previews

White Background



This preview shows how the XYZ color 69.1842, 70.0334, 104.4791 looks on a white background.

Color Contrast Check

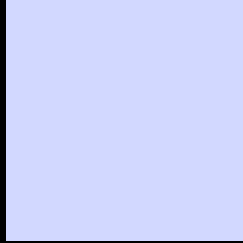
Large Text (above 18pt) WCAG AA × Fail

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 69.1842, 70.0334, 104.4791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

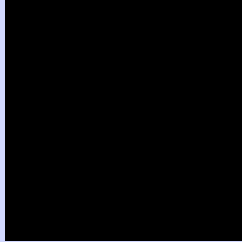
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1842, 70.0334, 104.4791

Background



This preview shows how black text looks on a background with the XYZ color 69.1842, 70.0334, 104.4791.



This preview shows how white text looks on a background with the XYZ color 69.1842, 70.0334,

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

69.1842, 70.0334, 104.4791

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

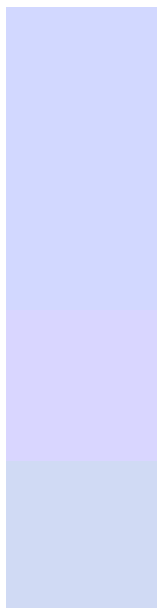
71.6630, 70.1807, 104.3769



Tritanopia

66.3497, 70.0429, 90.1434

Trichromacy



Original Color

69.1842, 70.0334, 104.4791

Protanomaly

69.1842, 70.0334, 104.4791

Deuteranomaly

70.7118, 70.0648, 104.4047

Tritanomaly

67.4130, 70.0844, 95.5625

Monochromacy



Original Color

69.1842, 70.0334, 104.4791

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9558, 70.5679, 86.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1842, 70.0334, 104.4791 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(210, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 216, 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(210, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.1842, 70.0334, 104.4791 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(210, 216, 255) }
```


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

```
.border{ border-color:rgb(210, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1842, 70.0334, 104.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 216, 255) }
```

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

```
.background{ background-color: rgb(210,  
216, 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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