

Converting Colors

XYZ(64.6815, 64.5476, 96.2396)

Have a look what the booklet for
XYZ(64.6815, 64.5476, 96.2396)
contains.

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Color

**XYZ(64.6795, 64.5449,
96.2382)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCFF6
RGB	207, 207, 246
RGB Percent	81%, 81%, 96%
CMY	0.1882, 0.1882, 0.0353
CMYK	0.16, 0.16, 0.00, 0.04
HSL	240°, 68%, 89%
HSV	240°, 16%, 96%
XYZ	64.6795, 64.5449, 96.2382
YIQ	211.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

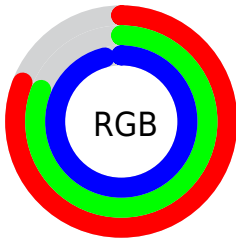
Format	Color
R_{YB}	207, 207, 246
Decimal	13619190
CIE _{Lab}	84.25, 7.68, -19.09
CIE _{LCh}	84, 20.583, 291.922
Yxy	64.5449, 0.2869, 0.2863
Android (android.graphics.Color)	4291809270 (0xFFCFCFF6)
YUV	211.4460, 17.0351, -3.8991
Hunter-Lab	80.3398, 3.1110, -14.7849

Details

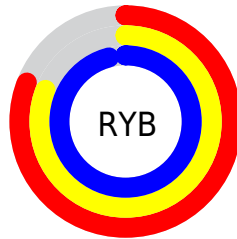
The XYZ color **64.6795, 64.5449, 96.2382** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2247, 90.0090, 72.0727**, and the grayscale version is **62.1102, 65.3447, 71.1604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6344, 33.1756, 53.3460** is the 20% darker color. If you saturate the color by 10%, you get **52.8325, 50.2705, 94.1084**, and if you desaturate by 10%, it is **78.5296, 81.2334, 98.7305**.

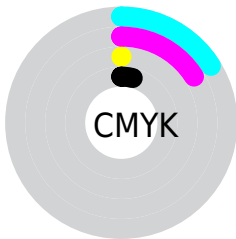
Distribution



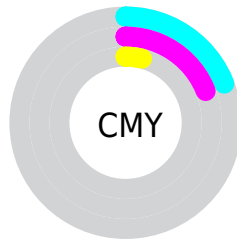
- Red (81%)
- Green (81%)
- Blue (96%)



- Red (81%)
- Yellow (81%)
- Blue (96%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6795, 64.5449, 96.2382 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 64.6795, 64.5449, 96.2382 by changing the saturation by 10% instead.

■ 64.6795, 64.5449,
96.2382

■ 64.6795, 64.5449,
96.2382

431.2028,
441.1547, 569.2067

■ 47.4650, 47.0921,
72.5634

110.6572,
111.3953, 157.9844

■ 33.6129, 33.1085,
53.1294

140.1511,
141.5618, 196.8928

■ 22.7578, 22.2096,
37.5176

174.4689,
176.7349, 241.7163

■ 14.5345, 14.0110,
25.3096

213.9759,
217.2991, 292.8732

■ 8.5775, 8.1283,
16.0868

259.0374,
263.6388, 350.7821

■ 4.5216, 4.1772,
9.4305

310.0188,

■ 2.0012, 1.7731,

316.1384, 415.8617

4.9224

367.2855,
375.1822, 488.5303

■ 0.6346, 0.4704,
2.1439

■ 0.0000, 0.0000,
0.6417

■ 64.6795, 64.5449,
96.2382

■ 64.6795, 64.5449,
96.2382

■ 52.8325, 50.2705,
94.1084

■ 78.5296, 81.2334,
98.7305

■ 42.8904, 38.2910,
92.3201

■ 93.6347, 99.4339,
101.4474

■ 34.7557, 28.4892,
90.8569

■ 28.3197, 20.7342,
89.6993

■ 23.4623, 14.8813,
88.8256

■ 20.0476, 10.7666,
88.2113

■ 17.9168, 8.1989,
87.8280

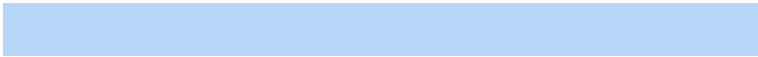
■ 16.8733, 6.9415,
87.6403

■ 16.6349, 6.6542,
87.5974

Harmonies

Analogous

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



60.1243, 64.5449, 98.1826



64.6795, 64.5449, 96.2382



68.5109, 64.5449, 86.9281

Triad

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



64.6795, 64.5449, 96.2382



66.9152, 64.5449, 52.3095



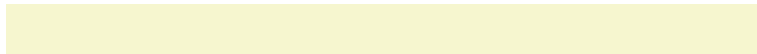
53.0712, 64.5449, 66.8089

Complementary

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



64.6795, 64.5449, 96.2382



82.2247, 90.0090, 72.0727

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.



54.7026, 64.5449, 55.9032



64.6795, 64.5449, 96.2382



62.5882, 64.5449, 48.2360

Square

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



64.6795, 64.5449, 96.2382



69.8455, 64.5449, 61.3155



58.1329, 64.5449, 49.4650



53.5692, 64.5449, 80.0748

Rectangle

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



64.6795, 64.5449, 96.2382



70.0650, 64.5449, 78.3611



58.1329, 64.5449, 49.4650



53.3857, 64.5449, 62.7716

Sweetspot

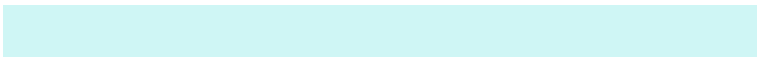
The Sweet Spot groups the original color and five complimentary colors.



64.6815, 64.5476, 96.2396



86.5807, 89.7952, 107.3767



75.2241, 85.7921, 99.2624



18.2869, 18.9247, 22.9390



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.



64.6815, 64.5476, 96.2396



65.8612, 64.8300, 103.6499



70.2657, 67.4255, 96.5008



15.5813, 15.9269, 20.7955



8.8790, 3.5518, 46.7556



0.7804, 0.3122, 4.1094

Inverse Universe

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



71.5829, 68.7250, 68.5269



74.6518, 70.1511, 68.3513



75.9454, 86.7730, 71.7791



16.4992, 16.4826, 17.1096



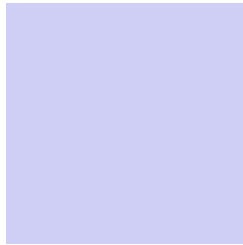
20.2862, 10.4579, 0.9497



1.7830, 0.9192, 0.0835

Previews

White Background



This preview shows how the XYZ color 64.6795, 64.5449, 96.2382 looks on a white background.

Color Contrast Check

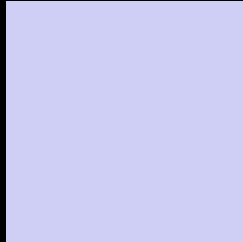
Large Text (above 18pt) WCAG AA × Fail

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 64.6795, 64.5449, 96.2382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

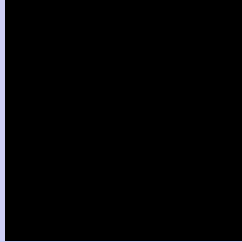
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6795, 64.5449, 96.2382

Background



This preview shows how black text looks on a background with the XYZ color 64.6795, 64.5449, 96.2382.



This preview shows how white text looks on a background with the XYZ color 64.6795, 64.5449,

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

64.6795, 64.5449, 96.2382

Protanopia

63.9730, 64.5237, 97.0783

Deuteranopia

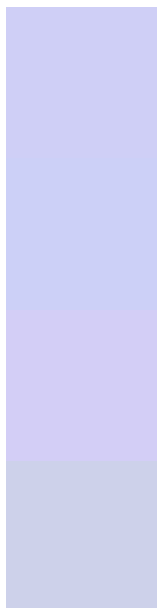
65.9064, 64.4626, 96.1577



Tritanopia

61.8136, 64.4766, 81.8604

Trichromacy



Original Color

64.6795, 64.5449, 96.2382

Protanomaly

64.2462, 64.6645, 97.0910

Deuteranomaly

65.5698, 64.6453, 96.2107

Tritanomaly

62.8286, 64.5206, 86.9842

Monochromacy



Original Color

64.6795, 64.5449, 96.2382

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.0795, 65.1766, 79.7767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6795, 64.5449, 96.2382 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(207, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 246)  
}
```

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(207, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 246) }
```

Border

The CSS property to change the border of an element to XYZ 64.6795, 64.5449, 96.2382 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(207, 207, 246) }
```


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

```
.border{ border-color:rgb(207, 207, 246) }
```

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

Here you see how a box with a 4 pixel rgb(207, 207, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 246);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6795, 64.5449, 96.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 246) }
```

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

```
.background{ background-color: rgb(207,  
207, 246) }
```

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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