

Converting Colors

XYZ(66.4061, 65.5020,
100.8545)

Have a look what the booklet for
XYZ(66.4061, 65.5020, 100.8545)
contains.

XYZ(66.4619, 65.3556, 101.2074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.4619, 65.3556,
101.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CFFC
RGB	210, 207, 252
RGB Percent	82%, 81%, 99%
CMY	0.1765, 0.1882, 0.0118
CMYK	0.17, 0.18, 0.00, 0.01
HSL	244°, 88%, 90%
HSV	244°, 18%, 99%
XYZ	66.4619, 65.3556, 101.2074
YIQ	213.0270, -12.6570, 14.6310

Conversions

Conversions Part 2

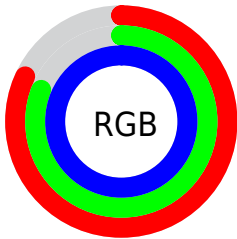
Format	Color
R _Y B	210, 207, 252
Decimal	13815804
CIE Lab	84.67, 9.89, -21.62
CIE LCh	85, 23.775, 294.571
Yxy	65.3556, 0.2852, 0.2805
Android (android.graphics.Color)	4292005884 (0xFFD2CFFC)
YUV	213.0270, 19.2137, -2.6547
Hunter-Lab	80.8428, 5.2722, -17.6354

Details

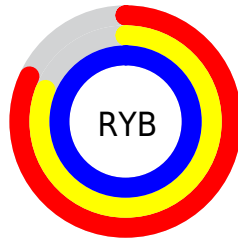
The XYZ color **66.4619, 65.3556, 101.2074** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1419, 94.2671, 72.7424**, and the grayscale version is **63.1473, 66.4359, 72.3486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7591, 33.6912, 56.3008** is the 20% darker color. If you saturate the color by 10%, you get **54.6257, 50.9038, 99.0428**, and if you desaturate by 10%, it is **80.2607, 82.2689, 103.7458**.

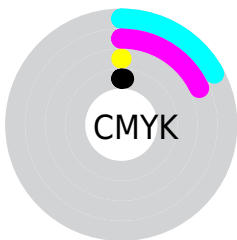
Distribution



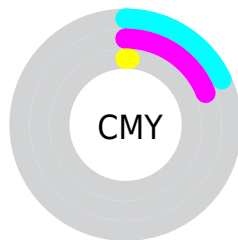
- Red (82%)
- Green (81%)
- Blue (99%)



- Red (82%)
- Yellow (81%)
- Blue (99%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4619, 65.3556, 101.2074 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 66.4619, 65.3556, 101.2074 by changing the saturation by 10% instead.

■ 66.4619, 65.3556,
101.2074

■ 66.4619, 65.3556,
101.2074

437.4896,
444.0687, 585.3365

■ 48.9165, 47.7495,
76.6868

113.2031,
112.5609, 164.8818

■ 34.7675, 33.6285,
56.4858

143.1296,
142.9290, 204.8726

■ 23.6495, 22.6084,
40.1860

177.9140,
178.3197, 250.8572

■ 15.1972, 14.3046,
27.3687

217.9214,
219.1177, 303.2542

■ 9.0451, 8.3328,
17.6154

263.5173,
265.7071, 362.4821

■ 4.8280, 4.3086,
10.5077

315.0671,

■ 2.1804, 1.8477,

318.4725, 428.9594

5.6268

372.9361,
377.7983, 503.1047

■ 0.7324, 0.5166,
2.5544

■ 0.0000, 0.0000,
0.8688

■ 66.4619, 65.3556,
101.2074

■ 66.4619, 65.3556,
101.2074

■ 54.6257, 50.9038,
99.0428

■ 80.2607, 82.2689,
103.7458

■ 44.6572, 38.7910,
97.2302

94.5709, 99.8084,
106.3770

■ 36.4626, 28.8966,
95.7523

■ 29.9376, 21.0860,
94.5886

■ 24.9670, 15.2096,
93.7163

■ 21.4210, 11.0984,
93.1097

■ 19.1485, 8.5537,
92.7383

■ 17.9568, 7.3143,
92.5619

■ 17.7983, 7.1456,
92.5376

Harmonies

Analogous

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



61.1574, 65.3556, 104.4239



66.4619, 65.3556, 101.2074



70.8158, 65.3556, 89.4953

Triad

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



66.4619, 65.3556, 101.2074



68.2278, 65.3556, 49.8933



52.4978, 65.3556, 68.4299

Complementary

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



66.4619, 65.3556, 101.2074



85.1419, 94.2671, 72.7424

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.



54.1643, 65.3556, 55.5193



66.4619, 65.3556, 101.2074



63.0897, 65.3556, 45.8384

Square

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



66.4619, 65.3556, 101.2074



71.8753, 65.3556, 59.6807



57.9686, 65.3556, 47.7413



53.2872, 65.3556, 84.0268

Rectangle

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



66.4619, 65.3556, 101.2074



72.4906, 65.3556, 79.2283



57.9686, 65.3556, 47.7413



52.7863, 65.3556, 63.6610

Sweetspot

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



66.4639, 65.3583, 101.2089



86.8731, 89.9456, 107.3903



77.4127, 88.5112, 105.1008



18.3576, 18.9611, 22.9423



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.



66.4639, 65.3583, 101.2089



64.2235, 62.1851, 103.2257



73.0833, 68.7707, 101.5186



16.3901, 16.6982, 21.7445



9.3125, 3.7435, 48.2053



0.8987, 0.3654, 4.4663

Inverse Universe

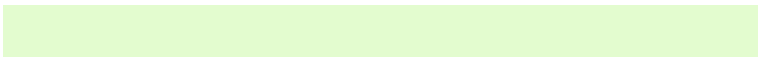
The Inverse Universe completely reimagines the original color for something new.



79.5587, 72.1633, 99.3609



79.7125, 70.2357, 100.9799



77.8323, 90.4989, 72.4003



17.9402, 17.5034, 21.5407



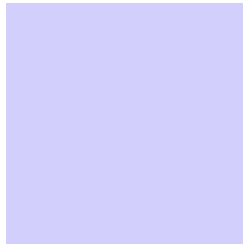
28.7610, 13.9201, 42.3115



2.6784, 1.2951, 3.9957

Previews

White Background



This preview shows how the XYZ color 66.4619, 65.3556, 101.2074 looks on a white background.

Color Contrast Check

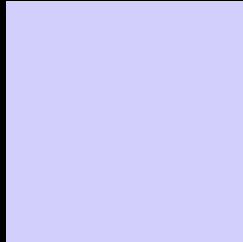
Large Text (above 18pt) WCAG AA × Fail

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 66.4619, 65.3556, 101.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

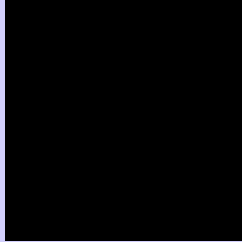
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4619, 65.3556, 101.2074

Background



This preview shows how black text looks on a background with the XYZ color 66.4619, 65.3556, 101.2074.

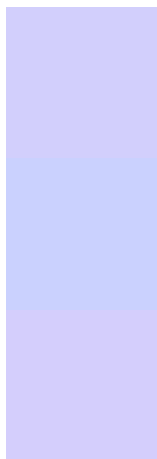


This preview shows how white text looks on a background with the XYZ color 66.4619, 65.3556,

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

66.4619, 65.3556, 101.2074

Protanopia

65.0470, 65.3132, 102.9443

Deuteranopia

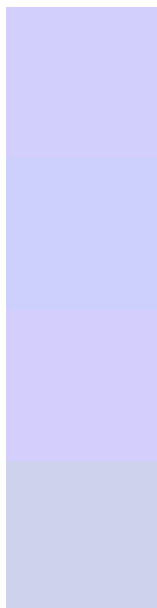
66.7934, 65.1679, 101.1537



Tritanopia

62.7515, 65.3118, 82.6979

Trichromacy



Original Color

66.4619, 65.3556, 101.2074

Protanomaly

65.4623, 65.1827, 102.0598

Deuteranomaly

66.5060, 65.0198, 101.1403

Tritanomaly

64.0648, 65.4730, 89.3817

Monochromacy



Original Color

66.4619, 65.3556, 101.2074

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3108, 66.1316, 82.0482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4619, 65.3556, 101.2074 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, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 207, 252)  
}
```

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, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 207, 252) }
```

Border

The CSS property to change the border of an element to XYZ 66.4619, 65.3556, 101.2074 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, 207, 252) }
```


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

```
.border{ border-color:rgb(210, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 207,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4619, 65.3556, 101.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 207, 252) }
```

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

```
.background{ background-color: rgb(210,  
207, 252) }
```

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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