

Converting Colors

XYZ(66.3465, 61.8145,
104.7425)

Have a look what the booklet for
XYZ(66.3465, 61.8145, 104.7425)
contains.

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Color

**XYZ(66.0406, 61.5996,
103.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C5FF
RGB	215, 197, 255
RGB Percent	84%, 77%, 100%
CMY	0.1569, 0.2274, 0.0000
CMYK	0.16, 0.23, 0.00, 0.00
HSL	259°, 100%, 89%
HSV	259°, 23%, 100%
XYZ	66.0406, 61.5996, 103.0169
YIQ	208.9940, -7.8900, 21.8540

Conversions

Conversions Part 2

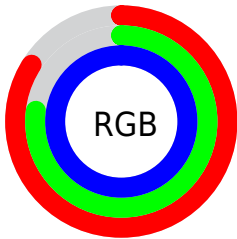
Format	Color
RYB	215, 197, 255
Decimal	14140927
CIELab	82.70, 17.42, -26.17
CIELCh	83, 31.439, 303.655
Yxy	61.5996, 0.2863, 0.2671
Android (android.graphics.Color)	4292331007 (0xFFD7C5FF)
YUV	208.9940, 22.6810, 5.2673
Hunter-Lab	78.4854, 12.8472, -22.8820

Details

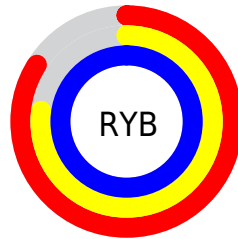
The XYZ color **66.0406, 61.5996, 103.0169** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7643, 93.5563, 66.6276**, and the grayscale version is **60.4625, 63.6112, 69.2726**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **34.5127, 31.1957, 57.6284** is the 20% darker color. If you saturate the color by 10%, you get **55.8435, 48.4634, 101.0188**, and if you desaturate by 10%, it is **77.7758, 76.9856, 105.3682**.

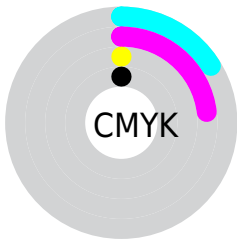
Distribution



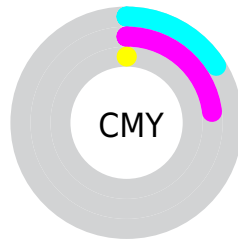
- Red (84%)
- Green (77%)
- Blue (100%)



- Red (84%)
- Yellow (77%)
- Blue (100%)



- Cyan (16%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0406, 61.5996, 103.0169 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 66.0406, 61.5996, 103.0169 by changing the saturation by 10% instead.

66.0406, 61.5996,
103.0169

66.0406, 61.5996,
103.0169

436.0084,
430.4691, 591.1515

48.5732, 44.7092,
78.1916

112.6020,
107.1466, 167.3849

34.4942, 31.2285,
57.7140

142.4267,
136.5721, 207.7646

23.4382, 20.7729,
41.1656

177.1012,
170.9447, 254.1662

15.0399, 12.9581,
28.1278

216.9909,
210.6489, 307.0083

8.9339, 7.3997,
18.1821

262.4611,
256.0690, 366.7093

4.7548, 3.7133,
10.9100

313.8772,

2.1374, 1.5145,

307.5895, 433.6878

5.8930

371.6045,
365.5947, 508.3624

■ 0.7094, 0.2989,
2.7124

■ 0.0000, 0.0000,
0.9496

■ 66.0406, 61.5996,
103.0169

■ 66.0406, 61.5996,
103.0169

■ 55.8435, 48.4634,
101.0188

■ 77.7758, 76.9856,
105.3682

■ 47.1123, 37.4620,
99.3556

■ 91.1061, 94.7141,
108.0876

■ 39.7770, 28.4815,
98.0087

95.0500, 100.0000,
108.9000

■ 33.7592, 21.3938,
96.9579

■ 28.9721, 16.0560,
96.1799

■ 25.3172, 12.3037,
95.6482

■ 22.6779, 9.9392,
95.3309

■ 21.2857, 8.8881,
95.2014

Harmonies

Analogous

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



59.3799, 61.5996, 111.4298



66.0406, 61.5996, 103.0169



70.9678, 61.5996, 84.9577

Triad

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



66.0406, 61.5996, 103.0169



64.4997, 61.5996, 38.9695



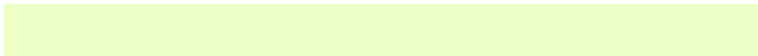
46.5268, 61.5996, 69.4693

Complementary

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



66.0406, 61.5996, 103.0169



80.7643, 93.5563, 66.6276

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.



47.6700, 61.5996, 51.8903



66.0406, 61.5996, 103.0169



57.7250, 61.5996, 36.3928

Square

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



66.0406, 61.5996, 103.0169



70.0312, 61.5996, 48.5074



51.6457, 61.5996, 40.6430



48.3951, 61.5996, 89.8541

Rectangle

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



66.0406, 61.5996, 103.0169



72.4198, 61.5996, 71.2642



51.6457, 61.5996, 40.6430



46.5724, 61.5996, 63.0466

Sweetspot

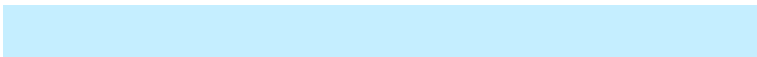
The Sweet Spot groups the original color and five complimentary colors.



66.0424, 61.6021, 103.0173



85.2327, 86.8747, 106.8840



71.5358, 80.0082, 106.2805



18.0702, 18.3644, 22.8422



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.



66.0424, 61.6021, 103.0173



61.5172, 55.7410, 102.1245



75.1180, 66.2807, 103.4421



17.5333, 17.6511, 22.7329



11.2560, 4.7132, 49.7511



1.2024, 0.5138, 4.8491

Inverse Universe

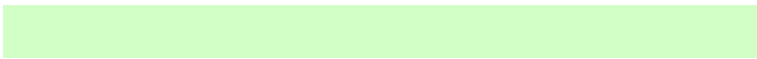
The Inverse Universe completely reimagines the original color for something new.



76.4937, 67.3092, 89.0827



73.6292, 62.3605, 85.7223



72.0211, 89.0490, 66.2184



18.5386, 18.1987, 21.4533



25.7067, 12.7720, 22.9039



2.5521, 1.2632, 2.4889

Previews

White Background



This preview shows how the XYZ color 66.0406, 61.5996, 103.0169 looks on a white background.

Color Contrast Check

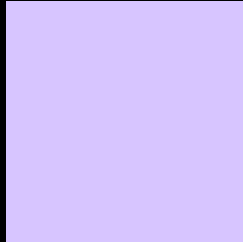
Large Text (above 18pt) WCAG AA × Fail

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 66.0406, 61.5996, 103.0169 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 66.0406, 61.5996, 103.0169

Background



This preview shows how black text looks on a background with the XYZ color 66.0406, 61.5996, 103.0169.

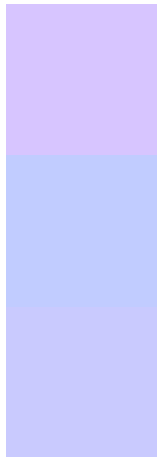


This preview shows how white text looks on a background with the XYZ color 66.0406, 61.5996,

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

66.0406, 61.5996, 103.0169

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

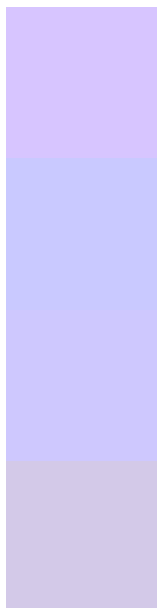
63.0973, 61.8143, 102.3717



Tritanopia

60.4366, 61.3817, 75.6803

Trichromacy



Original Color

66.0406, 61.5996, 103.0169

Protanomaly

63.0240, 61.4108, 103.1395

Deuteranomaly

63.9973, 61.5861, 102.2802

Tritanomaly

62.3161, 61.4484, 84.9202

Monochromacy



Original Color

66.0406, 61.5996, 103.0169

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.4228, 63.0025, 80.8222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0406, 61.5996, 103.0169 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(215, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 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(215, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.0406, 61.5996, 103.0169 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(215, 197, 255) }
```


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

```
.border{ border-color:rgb(215, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0406, 61.5996, 103.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 255) }
```

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

```
.background{ background-color: rgb(215,  
197, 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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