

Converting Colors

XYZ(77.3753, 64.2817,
159.5515)

Have a look what the booklet for
XYZ(77.3753, 64.2817, 159.5515)
contains.

XYZ(66.4996, 59.8538, 102.6558)	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(66.4996, 59.8538,
102.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBFFF
RGB	221, 191, 255
RGB Percent	87%, 75%, 100%
CMY	0.1333, 0.2510, 0.0000
CMYK	0.13, 0.25, 0.00, 0.00
HSL	268°, 100%, 87%
HSV	268°, 25%, 100%
XYZ	66.4996, 59.8538, 102.6558
YIQ	207.2660, -2.6640, 26.2640

Conversions

Conversions Part 2

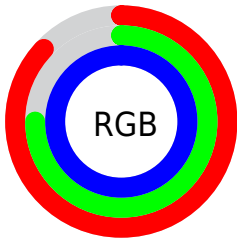
Format	Color
R _Y B	221, 191, 255
Decimal	14532607
CIE Lab	81.76, 22.50, -27.56
CIE LCh	82, 35.583, 309.231
Yxy	59.8538, 0.2904, 0.2614
Android (android.graphics.Color)	4292722687 (0xFFDDBFFF)
YUV	207.2660, 23.5329, 12.0447
Hunter-Lab	77.3652, 18.0412, -24.5161

Details

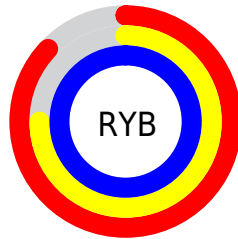
The XYZ color **66.4996, 59.8538, 102.6558** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.2167, 91.2898, 62.8967**, and the grayscale version is **59.3355, 62.4255, 67.9814**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **34.6558, 29.9679, 57.3839** is the 20% darker color. If you saturate the color by 10%, you get **57.4559, 47.6438, 100.7757**, and if you desaturate by 10%, it is **76.8477, 74.1764, 104.8749**.

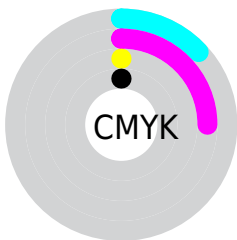
Distribution



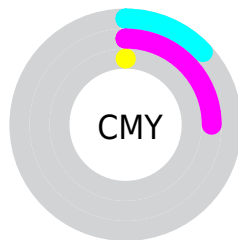
- Red (87%)
- Green (75%)
- Blue (100%)



- Red (87%)
- Yellow (75%)
- Blue (100%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4996, 59.8538, 102.6558 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 66.4996, 59.8538, 102.6558 by changing the saturation by 10% instead.

66.4996, 59.8538,
102.6558

66.4996, 59.8538,
102.6558

437.6220,
424.0587, 589.9935

48.9473, 43.3008,
77.8911

113.2569,
104.6176, 166.8857

34.7920, 30.1212,
57.4686

143.1925,
133.5971, 207.1880

23.6685, 19.9306,
40.9698

177.9866,
167.4876, 253.5067

15.2113, 12.3446,
27.9759

218.0046,
206.6735, 306.2602

9.0551, 6.9788,
18.0686

263.6118,
251.5392, 365.8671

4.8345, 3.4489,
10.8293

315.1735,

2.1843, 1.3703,

302.4690, 432.7459

5.8395

373.0551,
359.8474, 507.3152

■ 0.7344, 0.1947,
2.6805

■ 0.0000, 0.0000,
0.9336

■ 66.4996, 59.8538,
102.6558

■ 66.4996, 59.8538,
102.6558

■ 57.4559, 47.6438,
100.7757

■ 76.8477, 74.1764,
104.8749

■ 49.6534, 37.4348,
99.2164

■ 88.5491, 90.7012,
107.4478

■ 43.0310, 29.1155,
97.9596

95.0500, 100.0000,
108.9000

■ 37.5199, 22.5608,
96.9849

■ 33.0430, 17.6295,
96.2690

■ 29.5114, 14.1577,
95.7850

■ 26.8174, 11.9441,
95.4998

■ 25.7307, 11.1795,
95.4094

Harmonies

Analogous

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



59.2326, 59.8538, 114.9904



66.4996, 59.8538, 102.6558



71.4568, 59.8538, 80.9299

Triad

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



66.4996, 59.8538, 102.6558



62.1544, 59.8538, 33.6944



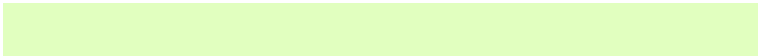
43.8166, 59.8538, 72.0185

Complementary

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



66.4996, 59.8538, 102.6558



76.2167, 91.2898, 62.8967

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.



44.4497, 59.8538, 51.6027



66.4996, 59.8538, 102.6558



54.6085, 59.8538, 32.3298

Square

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



66.4996, 59.8538, 102.6558



68.7990, 59.8538, 42.3965



48.2525, 59.8538, 38.1421



46.4399, 59.8538, 94.9155

Rectangle

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



66.4996, 59.8538, 102.6558



72.5511, 59.8538, 65.7262



48.2525, 59.8538, 38.1421



43.6610, 59.8538, 64.6182

Sweetspot

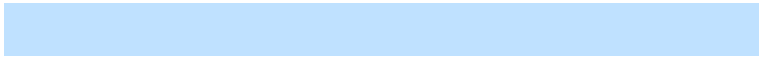
The Sweet Spot groups the original color and five complimentary colors.



66.5013, 59.8562, 102.6561



85.0085, 85.6700, 106.6633



66.4990, 72.2208, 105.0429



17.8126, 17.7951, 22.7459



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.



66.5013, 59.8562, 102.6561



61.9065, 53.6103, 101.6927



77.1414, 65.3414, 103.1541



17.8126, 17.7951, 22.7459



13.6137, 5.9286, 49.8614



1.4503, 0.6416, 4.8607

Inverse Universe

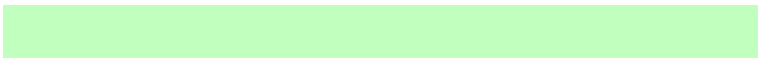
The Inverse Universe completely reimagines the original color for something new.



73.4628, 63.9601, 79.7097



70.0648, 58.4220, 74.6990



67.1920, 86.6374, 62.4743



18.4127, 18.1484, 20.7905



23.9274, 12.0603, 13.5340



2.3850, 1.1964, 1.6086

Previews

White Background



This preview shows how the XYZ color 66.4996, 59.8538, 102.6558 looks on a white background.

Color Contrast Check

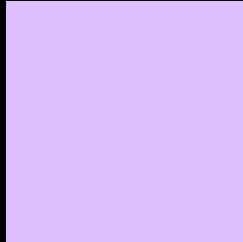
Large Text (above 18pt) WCAG AA × Fail

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 66.4996, 59.8538, 102.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

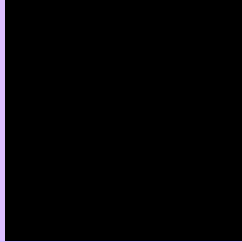
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4996, 59.8538, 102.6558

Background



This preview shows how black text looks on a background with the XYZ color 66.4996, 59.8538, 102.6558.

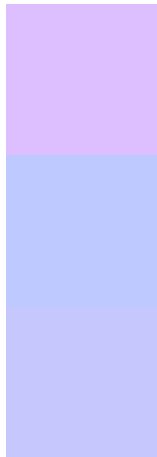


This preview shows how white text looks on a background with the XYZ color 66.4996, 59.8538,

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

66.4996, 59.8538, 102.6558

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.1790, 59.8090, 101.2483



Tritanopia

60.2926, 59.9980, 72.0213

Trichromacy



Original Color

66.4996, 59.8538, 102.6558

Protanomaly

62.1036, 59.5700, 102.8327

Deuteranomaly

63.0829, 59.7574, 101.9754

Tritanomaly

62.4981, 59.8887, 82.3944

Monochromacy



Original Color

66.4996, 59.8538, 102.6558

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.4926, 61.1522, 79.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4996, 59.8538, 102.6558 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(221, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 191, 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(221, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.4996, 59.8538, 102.6558 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(221, 191, 255) }
```


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

```
.border{ border-color:rgb(221, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4996, 59.8538, 102.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 191, 255) }
```

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

```
.background{ background-color: rgb(221,  
191, 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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