

Converting Colors

XYZ(65.9403, 51.8917,
101.1484)

Have a look what the booklet for
XYZ(65.9403, 51.8917, 101.1484)
contains.

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Color

**XYZ(66.0972, 51.9631,
101.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA5FF
RGB	236, 165, 255
RGB Percent	93%, 65%, 100%
CMY	0.0745, 0.3529, 0.0000
CMYK	0.07, 0.35, 0.00, 0.00
HSL	287°, 100%, 82%
HSV	287°, 35%, 100%
XYZ	66.0972, 51.9631, 101.1539
YIQ	196.4890, 13.4260, 43.0420

Conversions

Conversions Part 2

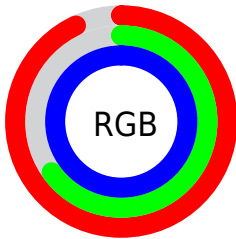
Format	Color
R _Y B	236, 165, 255
Decimal	15508991
CIE _{Lab}	77.26, 41.00, -34.36
CIE _{LCh}	77, 53.497, 320.038
Yxy	51.9631, 0.3015, 0.2370
Android (android.graphics.Color)	4293699071 (0xFFECA5FF)
YUV	196.4890, 28.8459, 34.6511
Hunter-Lab	72.0854, 37.5222, -32.7389

Details

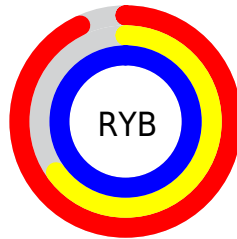
The XYZ color **66.0972, 51.9631, 101.1539** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **62.3198, 84.4275, 48.6112**, and the grayscale version is **52.5908, 55.3296, 60.2539**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **34.5776, 25.2493, 56.4772** is the 20% darker color. If you saturate the color by 10%, you get **60.1881, 42.7574, 99.6885**, and if you desaturate by 10%, it is **72.9803, 63.0346, 102.9282**.

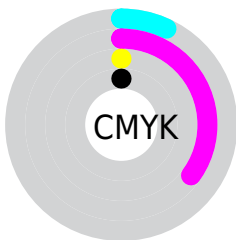
Distribution



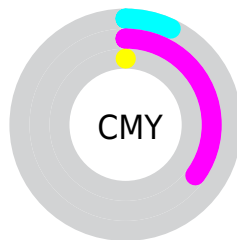
- Red (93%)
- Green (65%)
- Blue (100%)



- Red (93%)
- Yellow (65%)
- Blue (100%)



- Cyan (7%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0972, 51.9631, 101.1539 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 66.0972, 51.9631, 101.1539 by changing the saturation by 10% instead.


 66.0972, 51.9631,
101.1539


 66.0972, 51.9631,
101.1539


436.2076,
394.2941, 585.1641

 48.6193, 36.9757,
76.6423


 112.6828, 93.0768,
164.8077

 34.5309, 25.1886,
56.4495

 142.5212,
119.9719, 204.7870

 23.4665, 16.2177,
40.1571


177.2105,
151.6050, 250.7592

 15.0610, 9.6783,
27.3463

217.1160,
188.3604, 303.1430

 8.9488, 5.1862,
17.5987

262.6031,
230.6227, 362.3568

 4.7646, 2.3569,
10.4958

314.0372,

 2.1432, 0.8036,

278.7761, 428.8193

5.6191

371.7836,
333.2051, 502.9489

■ 0.7125, 0.0000,
2.5498

■ 0.0000, 0.0000,
0.8664

■ 66.0972, 51.9631,
101.1539

■ 66.0972, 51.9631,
101.1539

■ 60.1881, 42.7574,
99.6885

■ 72.9803, 63.0346,
102.9282

■ 55.1928, 35.3012,
98.5126

■ 80.8832, 76.0663,
105.0270

■ 51.0520, 29.4753,
97.6063

■ 89.8546, 91.1536,
107.4663

■ 47.6967, 25.1425,
96.9468

95.0500, 100.0000,
108.9000

■ 45.0465, 22.1428,
96.5075

■ 43.0023, 20.2786,
96.2554

■ 42.1830, 19.6610,
96.1794

Harmonies

Analogous

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



56.4585, 51.9631, 127.9446



66.0972, 51.9631, 101.1539



71.4677, 51.9631, 66.9221

Triad

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



66.0972, 51.9631, 101.1539



52.8799, 51.9631, 17.1933



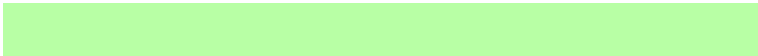
33.0839, 51.9631, 78.2184

Complementary

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



66.0972, 51.9631, 101.1539



62.3198, 84.4275, 48.6112

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.



32.4024, 51.9631, 47.3606



66.0972, 51.9631, 101.1539



42.9364, 51.9631, 18.3798

Square

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



66.0972, 51.9631, 101.1539



63.1678, 51.9631, 23.3941



35.7649, 51.9631, 27.5062



37.7761, 51.9631, 111.8399

Rectangle

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



66.0972, 51.9631, 101.1539



71.4620, 51.9631, 47.2958



35.7649, 51.9631, 27.5062



32.4058, 51.9631, 67.0037

Sweetspot

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



66.0988, 51.9653, 101.1543



84.6004, 82.2850, 106.0314



50.8134, 49.7106, 101.5247



17.8520, 17.1831, 22.6257



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.



66.0988, 51.9653, 101.1543



62.0301, 45.5898, 100.1381



68.9090, 53.8572, 81.2599



18.3952, 18.0955, 22.7732



22.1712, 10.3402, 50.2619



2.2482, 1.0529, 4.8980

Inverse Universe

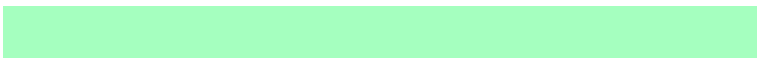
The Inverse Universe completely reimagines the original color for something new.



63.3480, 51.6329, 51.9763



59.1182, 45.3300, 43.9167



60.6275, 83.2596, 61.8796



18.1662, 18.0498, 19.4925



21.9382, 11.2646, 3.0589



2.1738, 1.1119, 0.4965

Previews

White Background



This preview shows how the XYZ color 66.0972, 51.9631, 101.1539 looks on a white background.

Color Contrast Check

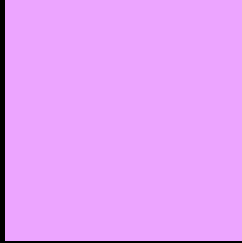
Large Text (above 18pt) WCAG AA × Fail

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 66.0972, 51.9631, 101.1539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

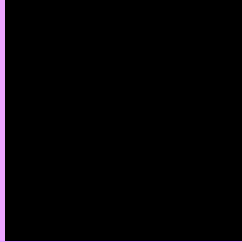
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0972, 51.9631, 101.1539

Background



This preview shows how black text looks on a background with the XYZ color 66.0972, 51.9631, 101.1539.



This preview shows how white text looks on a background with the XYZ color 66.0972, 51.9631,

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

66.0972, 51.9631, 101.1539

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.5273, 52.2786, 98.5364



Tritanopia

57.1134, 51.9775, 56.8916

Trichromacy



Original Color

66.0972, 51.9631, 101.1539



Protanomaly

56.8769, 51.4646, 101.5437



Deuteranomaly

57.1806, 51.6766, 99.0563

Tritanomaly

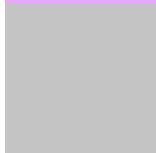
59.8424, 51.6164, 71.0989

Monochromacy



Original Color

66.0972, 51.9631, 101.1539



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.7373, 53.5566, 72.9927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0972, 51.9631, 101.1539 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(236, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 165, 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(236, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 165, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.0972, 51.9631, 101.1539 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(236, 165, 255) }
```


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

```
.border{ border-color:rgb(236, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 165,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0972, 51.9631, 101.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 165, 255) }
```

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

```
.background{ background-color: rgb(236,  
165, 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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