

Converting Colors

XYZ(69.2272, 56.6364,
101.8910)

Have a look what the booklet for
XYZ(69.2272, 56.6364, 101.8910)
contains.

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Color

**XYZ(69.1719, 56.6214,
101.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB0FF
RGB	239, 176, 255
RGB Percent	94%, 69%, 100%
CMY	0.0627, 0.3098, 0.0000
CMYK	0.06, 0.31, 0.00, 0.00
HSL	288°, 100%, 85%
HSV	288°, 31%, 100%
XYZ	69.1719, 56.6214, 101.8910
YIQ	203.8430, 12.1890, 37.9250

Conversions

Conversions Part 2

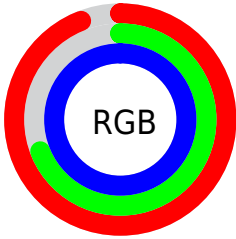
Format	Color
R _{YB}	239, 176, 255
Decimal	15708415
CIE _{Lab}	79.97, 36.10, -30.16
CIE _{LCh}	80, 47.043, 320.117
Y _{xy}	56.6214, 0.3038, 0.2487
Android (android.graphics.Color)	4293898495 (0xFFEFB0FF)
Y _{UV}	203.8430, 25.2204, 30.8327
Hunter-Lab	75.2472, 32.4057, -27.6106

Details

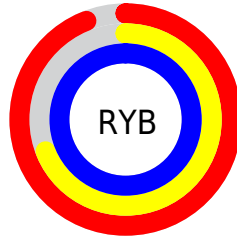
The XYZ color **69.1719, 56.6214, 101.8910** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.3361, 85.8617, 54.2064**, and the grayscale version is **57.1374, 60.1130, 65.4630**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **36.5674, 28.1882, 56.9396** is the 20% darker color. If you saturate the color by 10%, you get **62.9155, 46.6592, 100.2979**, and if you desaturate by 10%, it is **76.4205, 68.4921, 103.8002**.

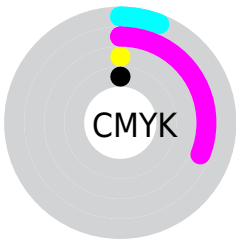
Distribution



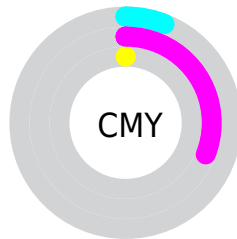
- Red (94%)
- Green (69%)
- Blue (100%)



- Red (94%)
- Yellow (69%)
- Blue (100%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1719, 56.6214, 101.8910 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 69.1719, 56.6214, 101.8910 by changing the saturation by 10% instead.


 69.1719, 56.6214,
101.8910

 69.1719, 56.6214,
101.8910


446.9489,
412.0291, 587.5369

 51.1289, 40.7014,
77.2551


 117.0598, 99.9126,
165.8279

 36.5326, 28.0858,
56.9494

147.6354,
128.0524, 205.9660

 25.0179, 18.3903,
40.5556


183.1192,
161.0344, 252.1085

 16.2192, 11.2306,
27.6549

223.8765,
199.2428, 304.6740

 9.7712, 6.2222,
17.8289

270.2728,
243.0621, 364.0811

 5.3086, 2.9806,
10.6590

322.6734,

 2.4661, 1.1216,

292.8767, 430.7482

5.7268

381.4437,
349.0709, 505.0940

■ 0.8782, 0.0000,
2.6136

■ 0.0000, 0.0000,
0.8995

■ 69.1719, 56.6214,
101.8910

■ 69.1719, 56.6214,
101.8910

■ 62.9155, 46.6592,
100.2979

■ 76.4205, 68.4921,
103.8002

■ 57.5932, 38.4929,
99.0021

■ 84.7053, 82.3616,
106.0407

■ 53.1483, 32.0086,
97.9848

■ 94.0737, 98.3229,
108.6277

■ 49.5157, 27.0769,
97.2243

■ 95.0500, 100.0000,
108.9000

■ 46.6206, 23.5486,
96.6959

■ 44.3734, 21.2452,
96.3697

■ 42.7759, 19.9667,
96.2072

Harmonies

Analogous

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



60.3823, 56.6214, 125.3838



69.1719, 56.6214, 101.8910



74.0081, 56.6214, 71.1244

Triad

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



69.1719, 56.6214, 101.8910



57.0304, 56.6214, 23.0018



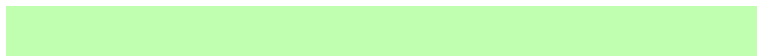
38.3514, 56.6214, 81.5633

Complementary

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



69.1719, 56.6214, 101.8910



65.3361, 85.8617, 54.2064

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.



37.6791, 56.6214, 53.0586



69.1719, 56.6214, 101.8910



47.7456, 56.6214, 24.2830

Square

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



69.1719, 56.6214, 101.8910



66.4701, 56.6214, 29.4628



40.9211, 56.6214, 33.7058



42.8810, 56.6214, 111.4465

Rectangle

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



69.1719, 56.6214, 101.8910



73.9920, 56.6214, 52.8678



40.9211, 56.6214, 33.7058



37.6894, 56.6214, 71.3570

Sweetspot

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



69.1736, 56.6238, 101.8914



86.4713, 85.3505, 106.5245



55.0524, 54.6441, 102.2535



18.2295, 17.7963, 22.7242



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.



69.1736, 56.6238, 101.8914



65.2900, 50.4020, 100.8951



71.4198, 58.1741, 84.2696



18.4112, 18.1037, 22.7739



22.4775, 10.4981, 50.2762



2.2755, 1.0670, 4.8993

Inverse Universe

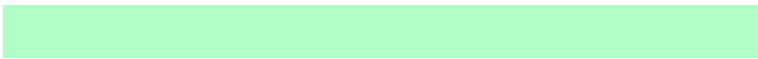
The Inverse Universe completely reimagines the original color for something new.



66.2812, 56.1187, 57.2098



62.1374, 49.9130, 49.4100



63.9034, 84.8458, 66.6693



18.1598, 18.0472, 19.4585



21.9106, 11.2535, 2.9136



2.1702, 1.1105, 0.4777

Previews

White Background



This preview shows how the XYZ color 69.1719, 56.6214, 101.8910 looks on a white background.

Color Contrast Check

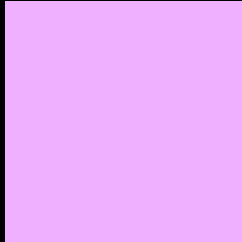
Large Text (above 18pt) WCAG AA × Fail

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 69.1719, 56.6214, 101.8910 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 69.1719, 56.6214, 101.8910

Background



This preview shows how black text looks on a background with the XYZ color 69.1719, 56.6214, 101.8910.



This preview shows how white text looks on a background with the XYZ color 69.1719, 56.6214,

101.8910.

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

69.1719, 56.6214, 101.8910

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.1629, 56.9424, 99.1923



Tritanopia

61.2679, 56.7466, 62.9824

Trichromacy



Original Color

69.1719, 56.6214, 101.8910



Protanomaly

60.8762, 56.3117, 102.2685



Deuteranomaly

61.5663, 56.4046, 99.7377



Tritanomaly

63.9163, 56.5799, 75.9589

Monochromacy



Original Color

69.1719, 56.6214, 101.8910



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.2263, 58.6630, 77.9082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1719, 56.6214, 101.8910 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(239, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 176, 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(239, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.1719, 56.6214, 101.8910 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(239, 176, 255) }
```


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

```
.border{ border-color:rgb(239, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1719, 56.6214, 101.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 176, 255) }
```

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

```
.background{ background-color: rgb(239,  
176, 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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