

Converting Colors

XYZ(69.4299, 56.4661,
101.8474)

Have a look what the booklet for
XYZ(69.4299, 56.4661, 101.8474)
contains.

XYZ(69.3152, 56.4052, 101.8417)	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(69.3152, 56.4052,
101.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AFFF
RGB	240, 175, 255
RGB Percent	94%, 69%, 100%
CMY	0.0588, 0.3137, 0.0000
CMYK	0.06, 0.31, 0.00, 0.00
HSL	289°, 100%, 84%
HSV	289°, 31%, 100%
XYZ	69.3152, 56.4052, 101.8417
YIQ	203.5550, 13.0600, 38.6600

Conversions

Conversions Part 2

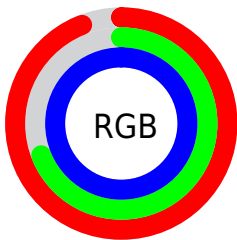
Format	Color
R_{YB}	240, 175, 255
Decimal	15773695
CIE _{Lab}	79.84, 36.94, -30.34
CIE _{LCh}	80, 47.802, 320.596
Yxy	56.4052, 0.3046, 0.2479
Android (android.graphics.Color)	4293963775 (0xFFFF0AFFF)
YUV	203.5550, 25.3624, 31.9623
Hunter-Lab	75.1034, 33.3121, -27.8260

Details

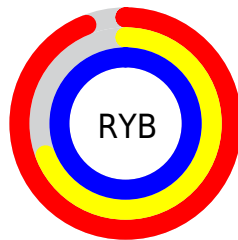
The XYZ color **69.3152, 56.4052, 101.8417** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.7343, 85.5629, 53.6635**, and the grayscale version is **56.9548, 59.9209, 65.2539**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **36.6810, 28.0636, 56.9096** is the 20% darker color. If you saturate the color by 10%, you get **63.2116, 46.5749, 100.2660**, and if you desaturate by 10%, it is **76.4020, 68.1364, 103.7326**.

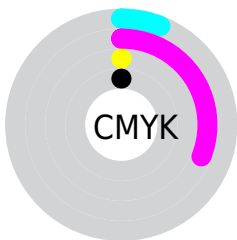
Distribution



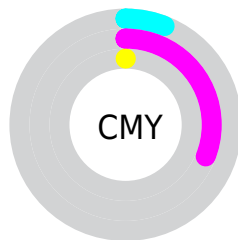
- Red (94%)
- Green (69%)
- Blue (100%)



- 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 69.3152, 56.4052, 101.8417 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 69.3152, 56.4052, 101.8417 by changing the saturation by 10% instead.

69.3152, 56.4052,
101.8417

69.3152, 56.4052,
101.8417

447.4459,
411.2168, 587.3784

51.2460, 40.5279,
77.2141

117.2633, 99.5968,
165.7597

36.6263, 27.9504,
56.9160

147.8729,
127.6798, 205.8872

25.0906, 18.2883,
40.5289

183.3933,
160.6003, 252.0183

16.2737, 11.1571,
27.6342

224.1900,
198.7424, 304.5717

9.8101, 6.1726,
17.8135

270.6282,
242.4908, 363.9659

5.3345, 2.9503,
10.6481

323.0734,

2.4816, 1.1059,

292.2297, 430.6193

5.7196

381.8908,
348.3436, 504.9506

■ 0.8860, 0.0000,
2.6093

■ 0.0000, 0.0000,
0.8972

■ 69.3152, 56.4052,
101.8417

■ 69.3152, 56.4052,
101.8417

■ 63.2116, 46.5749,
100.2660

■ 76.4020, 68.1364,
103.7326

■ 58.0329, 38.5325,
98.9866

■ 84.5160, 81.8590,
105.9536

■ 53.7225, 32.1640,
97.9845

■ 93.7045, 97.6663,
108.5205

■ 50.2147, 27.3389,
97.2381

■ 95.0500, 100.0000,
108.9000

■ 47.4346, 23.9075,
96.7223

■ 45.2919, 21.6898,
96.4071

■ 43.8356, 20.5130,
96.2567

Harmonies

Analogous

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



60.4280, 56.4052, 126.0366



69.3152, 56.4052, 101.8417



74.1471, 56.4052, 70.5428

Triad

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



69.3152, 56.4052, 101.8417



56.7102, 56.4052, 22.4126



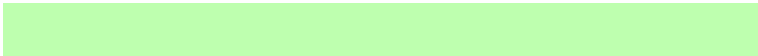
38.0095, 56.4052, 82.1369

Complementary

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



69.3152, 56.4052, 101.8417



64.7343, 85.5629, 53.6635

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.



37.2676, 56.4052, 53.1119



69.3152, 56.4052, 101.8417



47.3278, 56.4052, 23.8146

Square

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



69.3152, 56.4052, 101.8417



66.3139, 56.4052, 28.7523



40.4790, 56.4052, 33.4151



42.6444, 56.4052, 112.4892

Rectangle

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



69.3152, 56.4052, 101.8417



74.0637, 56.4052, 52.1275



40.4790, 56.4052, 33.4151



37.3203, 56.4052, 71.7464

Sweetspot

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



69.3169, 56.4076, 101.8421



86.5954, 85.4144, 106.5303



54.3620, 53.5979, 102.0880



18.2603, 17.8121, 22.7256



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.



69.3169, 56.4076, 101.8421



65.1631, 49.6836, 100.7632



70.9950, 57.6915, 82.9962



18.4392, 18.1181, 22.7752



23.0247, 10.7802, 50.3018



2.3241, 1.0920, 4.9016

Inverse Universe

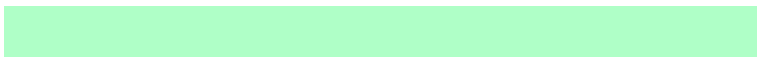
The Inverse Universe completely reimagines the original color for something new.



65.8655, 55.6397, 55.9849



61.3469, 48.8930, 47.4171



63.7495, 84.7582, 67.0350



18.1485, 18.0427, 19.3990



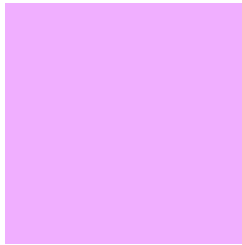
21.8650, 11.2353, 2.6738



2.1642, 1.1081, 0.4461

Previews

White Background



This preview shows how the XYZ color 69.3152, 56.4052, 101.8417 looks on a white background.

Color Contrast Check

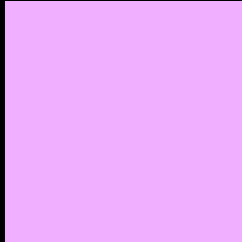
Large Text (above 18pt) WCAG AA × Fail

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 69.3152, 56.4052, 101.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

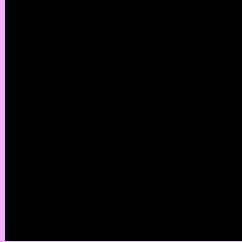
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3152, 56.4052, 101.8417

Background



This preview shows how black text looks on a background with the XYZ color 69.3152, 56.4052, 101.8417.



This preview shows how white text looks on a background with the XYZ color 69.3152, 56.4052,

101.8417.

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

69.3152, 56.4052, 101.8417

Protanopia

57.0813, 56.6449, 102.5328

Deuteranopia

57.9396, 56.4958, 99.1178



Tritanopia

61.2629, 56.4437, 62.3094

Trichromacy



Original Color

69.3152, 56.4052, 101.8417



Protanomaly

60.6618, 55.8829, 102.1970



Deuteranomaly

61.3534, 55.9788, 99.6668



Tritanomaly

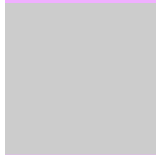
63.9072, 56.2854, 75.2060

Monochromacy



Original Color

69.3152, 56.4052, 101.8417



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.0045, 58.2194, 77.8342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3152, 56.4052, 101.8417 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(240, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 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(240, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.3152, 56.4052, 101.8417 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(240, 175, 255) }
```


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

```
.border{ border-color:rgb(240, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3152, 56.4052, 101.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 255) }
```

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

```
.background{ background-color: rgb(240,  
175, 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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