

Converting Colors

XYZ(66.9538, 56.7530, 97.3335)

Have a look what the booklet for
XYZ(66.9538, 56.7530, 97.3335)
contains.

XYZ(67.0244, 56.8057, 97.0546)	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(67.0244, 56.8057,
97.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B4F9
RGB	233, 180, 249
RGB Percent	91%, 71%, 98%
CMY	0.0863, 0.2941, 0.0235
CMYK	0.06, 0.28, 0.00, 0.02
HSL	286°, 85%, 84%
HSV	286°, 28%, 98%
XYZ	67.0244, 56.8057, 97.0546
YIQ	203.7130, 9.4390, 32.6950

Conversions

Conversions Part 2

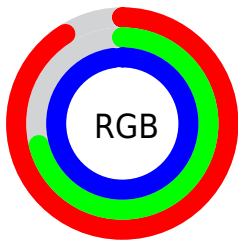
Format	Color
R _Y B	233, 180, 249
Decimal	15316217
CIE Lab	80.07, 30.95, -26.84
CIE LCh	80, 40.965, 319.065
Yxy	56.8057, 0.3034, 0.2572
Android (android.graphics.Color)	4293506297 (0xFFE9B4F9)
YUV	203.7130, 22.3265, 25.6847
Hunter-Lab	75.3696, 26.8392, -23.5900

Details

The XYZ color **67.0244, 56.8057, 97.0546** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.8808, 82.7839, 55.7420**, and the grayscale version is **57.0744, 60.0467, 65.3909**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **35.2353, 28.3316, 53.4806** is the 20% darker color. If you saturate the color by 10%, you get **60.5883, 46.6852, 95.4412**, and if you desaturate by 10%, it is **74.4287, 68.7686, 98.9743**.

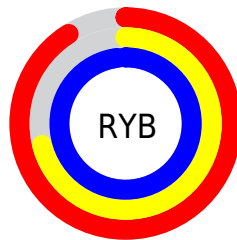
Distribution



Red (91%)

Green (71%)

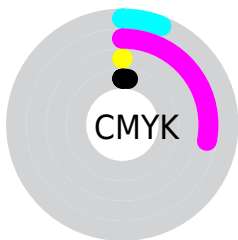
Blue (98%)



Red (91%)

Yellow (71%)

Blue (98%)

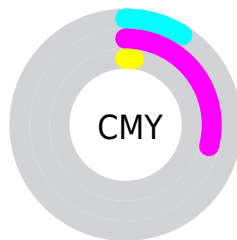


Cyan (6%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0244, 56.8057, 97.0546 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 67.0244, 56.8057, 97.0546 by changing the saturation by 10% instead.

67.0244, 56.8057,
97.0546

67.0244, 56.8057,
97.0546

439.4627,
412.7208, 571.8734

49.3752, 40.8493,
73.2399

114.0050,
100.1816, 159.1200

35.1330, 28.2013,
53.6791

144.0671,
128.3699, 198.2078

23.9323, 18.4775,
37.9538

178.9976,
161.4042, 243.2236

15.4079, 11.2933,
25.6452

219.1617,
199.6691, 294.5861

9.1943, 6.2645,
16.3351

264.9250,
243.5487, 352.7138

4.9263, 3.0066,
9.6046

316.6527,

2.2384, 1.1352,

293.4277, 418.0252

5.0355

374.7101,
349.6902, 490.9389

0.7629, 0.0078,
2.2090

0.0000, 0.0000,
0.6795

67.0244, 56.8057,
97.0546

67.0244, 56.8057,
97.0546

60.5883, 46.6852,
95.4412

74.4287, 68.7686,
98.9743

55.0661, 38.3029,
94.1143

82.8410, 82.6565,
101.2116

50.4061, 31.5552,
93.0575

92.3056, 98.5557,
103.7816

46.5490, 26.3242,
92.2511

94.0991, 99.6196,
103.8924

■ 43.4273, 22.4762,
91.6729

■ 40.9619, 19.8535,
91.2966

■ 39.0473, 18.2463,
91.0873

■ 38.6506, 17.9499,
91.0510

Harmonies

Analogous

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



59.3970, 56.8057, 116.1534



67.0244, 56.8057, 97.0546



71.3024, 56.8057, 70.9717

Triad

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



67.0244, 56.8057, 97.0546



57.0891, 56.8057, 26.8499



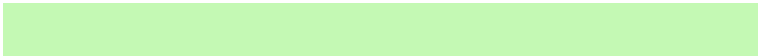
40.2193, 56.8057, 78.0849

Complementary

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



67.0244, 56.8057, 97.0546



64.8808, 82.7839, 55.7420

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.



39.7381, 56.8057, 53.5486



67.0244, 56.8057, 97.0546



48.9255, 56.8057, 27.8270

Square

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



67.0244, 56.8057, 97.0546



65.1860, 56.8057, 33.2575



42.7691, 56.8057, 36.3932



44.1592, 56.8057, 103.4004

Rectangle

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



67.0244, 56.8057, 97.0546



71.4117, 56.8057, 54.8996



42.7691, 56.8057, 36.3932



39.6641, 56.8057, 69.3674

Sweetspot

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



67.0262, 56.8081, 97.0558



87.1649, 86.7817, 106.7642



55.6860, 56.0704, 97.5111



18.3566, 18.0756, 22.7714



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.



67.0262, 56.8081, 97.0558



67.0065, 54.0343, 101.5058



69.7573, 58.5316, 82.9281



17.5765, 17.3098, 21.8000



20.8198, 9.6757, 48.7438



2.0204, 0.9436, 4.5188

Inverse Universe

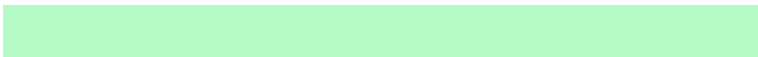
The Inverse Universe completely reimagines the original color for something new.



65.3539, 56.7702, 59.7403



65.1086, 54.0628, 55.9272



62.9393, 81.5518, 66.0946



17.4095, 17.2912, 18.7461



21.3620, 10.9605, 3.3487



2.0174, 1.0307, 0.5149

Previews

White Background



This preview shows how the XYZ color 67.0244, 56.8057, 97.0546 looks on a white background.

Color Contrast Check

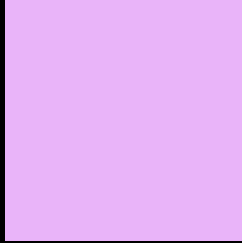
Large Text (above 18pt) WCAG AA × Fail

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 67.0244, 56.8057, 97.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

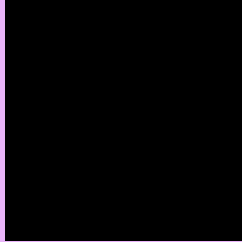
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0244, 56.8057, 97.0546

Background



This preview shows how black text looks on a background with the XYZ color 67.0244, 56.8057, 97.0546.



This preview shows how white text looks on a background with the XYZ color 67.0244, 56.8057,

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

67.0244, 56.8057, 97.0546

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.3978, 57.1534, 95.1426



Tritanopia

60.3411, 56.8757, 64.2977

Trichromacy



Original Color

67.0244, 56.8057, 97.0546



Protanomaly

60.4478, 56.7710, 100.7005



Deuteranomaly

61.2144, 56.9522, 95.7622



Tritanomaly

62.7903, 56.9431, 75.3919

Monochromacy



Original Color

67.0244, 56.8057, 97.0546



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

60.4577, 58.6446, 75.8432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0244, 56.8057, 97.0546 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(233, 180, 249)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 249)  
}
```

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(233, 180, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 249) }
```

Border

The CSS property to change the border of an element to XYZ 67.0244, 56.8057, 97.0546 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(233, 180, 249) }
```


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

```
.border{ border-color:rgb(233, 180, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 180, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 249);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0244, 56.8057, 97.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 249) }
```

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

```
.background{ background-color: rgb(233,  
180, 249) }
```

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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