

Converting Colors

XYZ(65.9113, 54.1574, 92.0222)

Have a look what the booklet for
XYZ(65.9113, 54.1574, 92.0222)
contains.

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Color

**XYZ(66.0463, 54.3627,
91.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	EDADF3
RGB	237, 173, 243
RGB Percent	93%, 68%, 95%
CMY	0.0706, 0.3215, 0.0471
CMYK	0.02, 0.29, 0.00, 0.05
HSL	295°, 74%, 82%
HSV	295°, 29%, 95%
XYZ	66.0463, 54.3627, 91.8061
YIQ	200.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

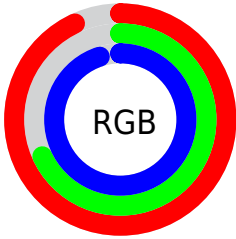
Format	Color
R _{YB}	237, 173, 243
Decimal	15576563
CIE _{Lab}	78.67, 34.79, -25.72
CIE _{LCh}	79, 43.266, 323.533
Yxy	54.3627, 0.3112, 0.2562
Android (android.graphics.Color)	4293766643 (0xFFEDADF3)
YUV	200.1160, 21.1418, 32.3473
Hunter-Lab	73.7311, 30.8661, -22.2131

Details

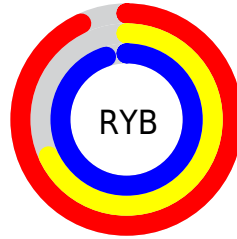
The XYZ color **66.0463, 54.3627, 91.8061** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.1857, 76.7034, 51.2763**, and the grayscale version is **54.8397, 57.6957, 62.8306**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **34.5085, 26.7241, 50.3532** is the 20% darker color. If you saturate the color by 10%, you get **61.1129, 45.5212, 90.3603**, and if you desaturate by 10%, it is **71.8386, 64.9078, 93.5370**.

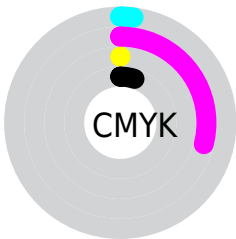
Distribution



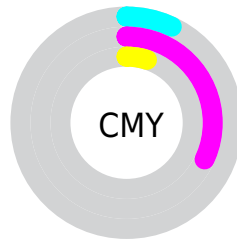
- Red (93%)
- Green (68%)
- Blue (95%)



- Red (93%)
- Yellow (68%)
- Blue (95%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0463, 54.3627, 91.8061 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 66.0463, 54.3627, 91.8061 by changing the saturation by 10% instead.

66.0463, 54.3627,
91.8061

66.0463, 54.3627,
91.8061

436.0285,
403.4916, 554.6097

48.5778, 38.8917,
68.8975

112.6101, 96.6066,
151.8020

34.4979, 26.6755,
50.1570

142.4362,
124.1483, 189.7263

23.4410, 17.3297,
35.1661

177.1122,
156.4823, 233.4929

15.0420, 10.4698,
23.5063

217.0035,
193.9931, 283.5204

8.9354, 5.7116,
14.7590

262.4754,
237.0650, 340.2273

4.7558, 2.6705,
8.5057

313.8933,

2.1380, 0.9622,

286.0825, 404.0321

4.3278

371.6225,
341.4299, 475.3534

■ 0.7097, 0.0000,
1.8068

■ 0.0000, 0.0000,
0.4325

■ 66.0463, 54.3627,
91.8061

■ 66.0463, 54.3627,
91.8061

■ 61.1129, 45.5212,
90.3603

■ 71.8386, 64.9078,
93.5370

■ 56.9872, 38.2842,
89.1809

■ 78.5271, 77.2345,
95.5638

■ 53.6206, 32.5535,
88.2522

■ 86.1533, 91.4243,
97.9008

■ 50.9570, 28.2171,
87.5556

■ 89.7102, 97.4635,
98.8790

48.9326, 25.1471,
87.0697

90.4423, 97.8409,
98.9132

47.4718, 23.1926,
86.7694

91.1826, 98.2225,
98.9479

46.4632, 22.1306,
86.6176

91.9311, 98.6084,
98.9829

46.3553, 22.0282,
86.6035

92.6879, 98.9986,
99.0183

93.1778, 99.2511,
99.0413

Harmonies

Analogous

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



58.5141, 54.3627, 113.6826



66.0463, 54.3627, 91.8061



69.7815, 54.3627, 64.6526

Triad

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



66.0463, 54.3627, 91.8061



53.5433, 54.3627, 23.6589



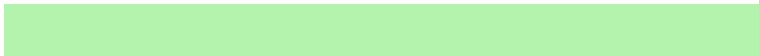
38.0192, 54.3627, 80.0448

Complementary

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



66.0463, 54.3627, 91.8061



58.1857, 76.7034, 51.2763

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.



36.9996, 54.3627, 54.0473



66.0463, 54.3627, 91.8061



45.3817, 54.3627, 25.6754

Square

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



66.0463, 54.3627, 91.8061



62.0669, 54.3627, 28.8344



39.5479, 54.3627, 35.3920



42.5045, 54.3627, 105.6870

Rectangle

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



66.0463, 54.3627, 91.8061



69.3526, 54.3627, 48.8461



39.5479, 54.3627, 35.3920



37.2819, 54.3627, 70.9038

Sweetspot

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



66.0480, 54.3651, 91.8073



87.4407, 85.8502, 106.5699



49.7347, 48.0004, 91.4386



18.4699, 17.9202, 22.7354



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.



66.0480, 54.3651, 91.8073



70.1223, 54.2396, 101.3812



64.1732, 53.8504, 71.3037



17.0653, 16.6918, 20.8650



25.4987, 12.1194, 47.5334



2.2815, 1.0860, 4.1796

Inverse Universe

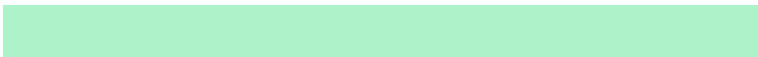
The Inverse Universe completely reimagines the original color for something new.



60.0442, 52.1988, 49.5609



62.4124, 51.4743, 46.3842



59.8287, 77.2039, 67.0090



16.5568, 16.5056, 17.4126



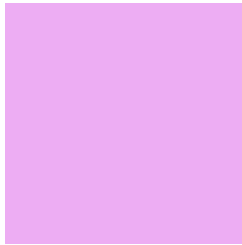
20.3794, 10.4952, 1.4401



1.8105, 0.9302, 0.2285

Previews

White Background



This preview shows how the XYZ color 66.0463, 54.3627, 91.8061 looks on a white background.

Color Contrast Check

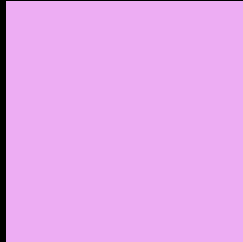
Large Text (above 18pt) WCAG AA × Fail

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 66.0463, 54.3627, 91.8061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

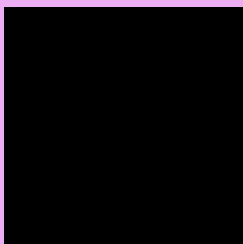
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0463, 54.3627, 91.8061

Background



This preview shows how black text looks on a background with the XYZ color 66.0463, 54.3627, 91.8061.



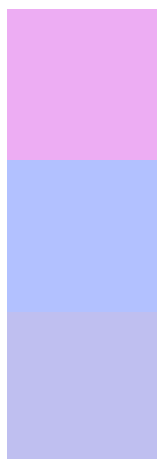
This preview shows how white text looks on a background with the XYZ color 66.0463, 54.3627,

91.8061.

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

66.0463, 54.3627, 91.8061

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

55.8448, 54.6292, 90.0392



Tritanopia

59.3249, 54.2644, 59.5719

Trichromacy



Original Color

66.0463, 54.3627, 91.8061



Protanomaly

58.5247, 54.2250, 98.6487



Deuteranomaly

59.0301, 54.0417, 90.5390



Tritanomaly

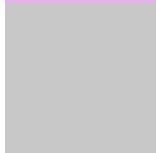
61.7346, 54.3679, 70.1911

Monochromacy



Original Color

66.0463, 54.3627, 91.8061



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.2487, 55.9309, 72.6915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0463, 54.3627, 91.8061 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(237, 173, 243)` looks like.

```
.text, #text, p{  
    color:rgb(237, 173, 243)  
}
```

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(237, 173, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 173, 243) }
```

Border

The CSS property to change the border of an element to XYZ 66.0463, 54.3627, 91.8061 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(237, 173, 243) }
```


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

```
.border{ border-color:rgb(237, 173, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 173, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 173, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 173, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 173,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0463, 54.3627, 91.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 173, 243) }
```

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

```
.background{ background-color: rgb(237,  
173, 243) }
```

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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