

Converting Colors

XYZ(66.6315, 56.1966, 94.1779)

Have a look what the booklet for
XYZ(66.6315, 56.1966, 94.1779)
contains.

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Color

**XYZ(66.4866, 55.9870,
94.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB2F6
RGB	234, 178, 246
RGB Percent	92%, 70%, 96%
CMY	0.0823, 0.3019, 0.0353
CMYK	0.05, 0.28, 0.00, 0.04
HSL	289°, 79%, 83%
HSV	289°, 28%, 96%
XYZ	66.4866, 55.9870, 94.4911
YIQ	202.4960, 11.5480, 33.0200

Conversions

Conversions Part 2

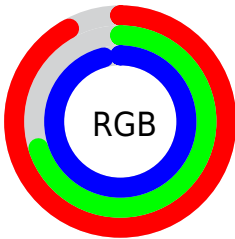
Format	Color
RYB	234, 178, 246
Decimal	15381238
CIELab	79.61, 31.75, -25.93
CIELCh	80, 40.995, 320.764
Yxy	55.9870, 0.3064, 0.2580
Android (android.graphics.Color)	4293571318 (0xFFEAB2F6)
YUV	202.4960, 21.4475, 27.6290
Hunter-Lab	74.8245, 27.6665, -22.4965

Details

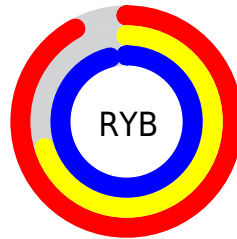
The XYZ color **66.4866, 55.9870, 94.4911** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.2287, 80.0744, 54.2982**, and the grayscale version is **56.3154, 59.2482, 64.5212**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **34.9880, 27.8499, 52.2467** is the 20% darker color. If you saturate the color by 10%, you get **60.6166, 46.3360, 92.9385**, and if you desaturate by 10%, it is **73.2727, 67.4161, 96.3403**.

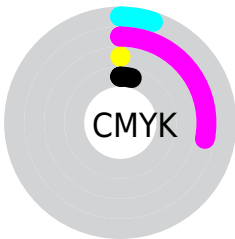
Distribution



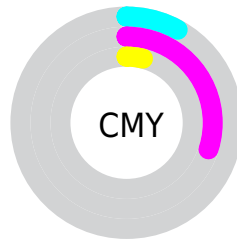
- Red (92%)
- Green (70%)
- Blue (96%)



- Red (92%)
- Yellow (70%)
- Blue (96%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4866, 55.9870, 94.4911 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 66.4866, 55.9870, 94.4911 by changing the saturation by 10% instead.

66.4866, 55.9870,
94.4911

66.4866, 55.9870,
94.4911

437.5764,
409.6425, 563.4772

48.9367, 40.1925,
71.1169

113.2383, 98.9856,
155.5509

34.7836, 27.6887,
51.9552

143.1708,
126.9584, 194.0736

23.6619, 18.0911,
36.5874

177.9616,
159.7595, 238.4829

15.2064, 11.0154,
24.5949

217.9759,
197.7733, 289.1973

9.0516, 6.0772,
15.5592

263.5792,
241.3840, 346.6354

4.8323, 2.8921,
9.0618

315.1368,

2.1829, 1.0757,

290.9762, 411.2157

4.6842

373.0141,
346.9343, 483.3568

■ 0.7337, 0.0000,
2.0077

■ 0.0000, 0.0000,
0.5600

■ 66.4866, 55.9870,
94.4911

■ 66.4866, 55.9870,
94.4911

■ 60.6166, 46.3360,
92.9385

■ 73.2727, 67.4161,
96.3403

■ 55.6103, 38.3620,
91.6632

■ 81.0132, 80.7029,
98.4970

■ 51.4178, 31.9645,
90.6493

■ 89.7507, 95.9313,
100.9758

■ 47.9820, 27.0296,
89.8779

■ 92.3105, 98.7512,
101.3852

■ 45.2379, 23.4278,
89.3273

■ 93.6347, 99.4339,
101.4472

■ 43.1090, 21.0064,
88.9721

■ 41.4938, 19.5627,
88.7786

■ 41.1516, 19.2928,
88.7445

Harmonies

Analogous

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



59.0449, 55.9870, 114.1443



66.4866, 55.9870, 94.4911



70.4785, 55.9870, 68.5556

Triad

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



66.4866, 55.9870, 94.4911



55.8038, 55.9870, 26.1862



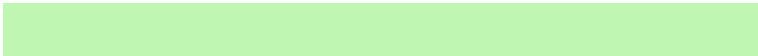
39.7029, 55.9870, 78.5478

Complementary

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



66.4866, 55.9870, 94.4911



62.2287, 80.0744, 54.2982

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.



39.0276, 55.9870, 53.9478



66.4866, 55.9870, 94.4911



47.7801, 55.9870, 27.5555

Square

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



66.4866, 55.9870, 94.4911



63.9043, 55.9870, 32.0826



41.8369, 55.9870, 36.4803



43.7878, 55.9870, 103.4097

Rectangle

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



66.4866, 55.9870, 94.4911



70.3899, 55.9870, 52.8545



41.8369, 55.9870, 36.4803



39.0875, 55.9870, 69.8552

Sweetspot

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



66.4884, 55.9894, 94.4923



87.5719, 86.9915, 106.7832



53.5116, 53.1507, 94.6283



18.4597, 18.1287, 22.7762



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.



66.4884, 55.9894, 94.4923



68.5707, 54.8407, 101.5790



67.4460, 56.8431, 78.2720



16.9100, 16.6118, 20.8577



22.0725, 10.3531, 47.3730



2.0135, 0.9478, 4.1671

Inverse Universe

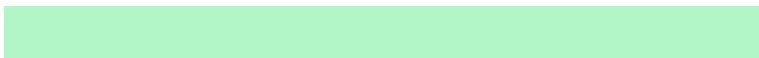
The Inverse Universe completely reimagines the original color for something new.



63.2225, 55.1537, 56.0312



64.6056, 53.8616, 53.2785



61.6886, 79.5262, 66.4591



16.6185, 16.5302, 17.7376



20.5586, 10.5669, 2.3839



1.8397, 0.9418, 0.3821

Previews

White Background



This preview shows how the XYZ color 66.4866, 55.9870, 94.4911 looks on a white background.

Color Contrast Check

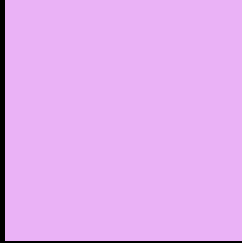
Large Text (above 18pt) WCAG AA × Fail

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 66.4866, 55.9870, 94.4911 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 66.4866, 55.9870, 94.4911

Background



This preview shows how black text looks on a background with the XYZ color 66.4866, 55.9870, 94.4911.

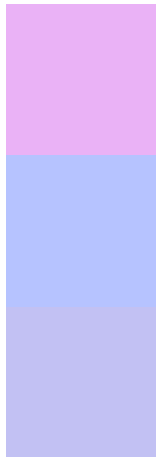


This preview shows how white text looks on a background with the XYZ color 66.4866, 55.9870,

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

66.4866, 55.9870, 94.4911

Protanopia

56.8565, 56.1953, 102.4579

Deuteranopia

57.4958, 56.0803, 92.5883



Tritanopia

59.9915, 56.0886, 62.9226

Trichromacy



Original Color

66.4866, 55.9870, 94.4911



Protanomaly

59.8557, 55.8410, 99.7191



Deuteranomaly

60.6068, 56.0534, 93.2130



Tritanomaly

62.2980, 56.1137, 73.1932

Monochromacy



Original Color

66.4866, 55.9870, 94.4911



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.4564, 57.4980, 74.2942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4866, 55.9870, 94.4911 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(234, 178, 246)` looks like.

```
.text, #text, p{  
    color:rgb(234, 178, 246)  
}
```

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(234, 178, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 178, 246) }
```

Border

The CSS property to change the border of an element to XYZ 66.4866, 55.9870, 94.4911 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(234, 178, 246) }
```


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

```
.border{ border-color:rgb(234, 178, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 178, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 178, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 178, 246);  
box-shadow:4px 4px 4px 4px rgb(234, 178,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4866, 55.9870, 94.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 178, 246) }
```

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

```
.background{ background-color: rgb(234,  
178, 246) }
```

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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