

Converting Colors

XYZ(66.8842, 54.1165, 87.3209)

Have a look what the booklet for
XYZ(66.8842, 54.1165, 87.3209)
contains.

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Color

**XYZ(66.6229, 53.9186,
87.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AAED
RGB	243, 170, 237
RGB Percent	95%, 67%, 93%
CMY	0.0471, 0.3333, 0.0706
CMYK	0.00, 0.30, 0.02, 0.05
HSL	305°, 75%, 81%
HSV	305°, 30%, 95%
XYZ	66.6229, 53.9186, 87.0167
YIQ	199.4650, 22.0010, 36.3130

Conversions

Conversions Part 2

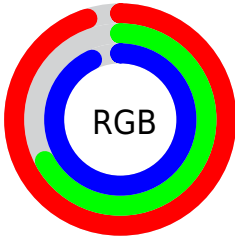
Format	Color
R_{YB}	243, 170, 237
Decimal	15969005
CIE Lab	78.41, 37.19, -22.82
CIE LCh	78, 43.635, 328.473
Yxy	53.9186, 0.3210, 0.2598
Android (android.graphics.Color)	4294159085 (0xFFFF3AAED)
YUV	199.4650, 18.5048, 38.1802
Hunter-Lab	73.4293, 33.4530, -18.8606

Details

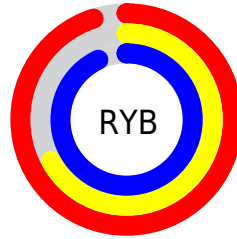
The XYZ color **66.6229, 53.9186, 87.0167** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.4668, 75.7834, 52.7289**, and the grayscale version is **54.4531, 57.2889, 62.3876**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **34.9515, 26.4979, 46.9885** is the 20% darker color. If you saturate the color by 10%, you get **62.1920, 45.5204, 84.1084**, and if you desaturate by 10%, it is **71.9023, 64.0067, 90.2250**.

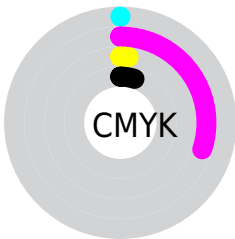
Distribution



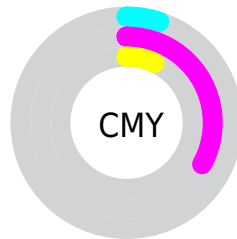
- Red (95%)
- Green (67%)
- Blue (93%)



- Red (95%)
- Yellow (67%)
- Blue (93%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6229, 53.9186, 87.0167 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 66.6229, 53.9186, 87.0167 by changing the saturation by 10% instead.

66.6229, 53.9186,
87.0167

66.6229, 53.9186,
87.0167

438.0549,
401.7995, 538.5954

49.0478, 38.5366,
64.9493

113.4327, 95.9547,
145.0865

34.8721, 26.3994,
46.9689

143.3981,
123.3776, 181.9260

23.7304, 17.1227,
32.6569

178.2243,
155.5829, 224.5266

15.2574, 10.3220,
21.5948

218.2767,
192.9550, 273.3069

9.0877, 5.6130,
13.3640

263.9205,
235.8784, 328.6853

4.8560, 2.6112,
7.5460

315.5213,

2.1969, 0.9323,

284.7373, 391.0806

3.7223

373.4443,
339.9162, 460.9111

■ 0.7411, 0.0000,
1.4743

■ 0.0000, 0.0000,
0.1986

■ 66.6229, 53.9186,
87.0167

■ 66.6229, 53.9186,
87.0167

■ 62.1920, 45.5204,
84.1084

■ 71.9023, 64.0067,
90.2250

■ 58.5582, 38.7120,
81.4812

■ 78.0680, 75.8632,
93.7444

■ 55.6720, 33.3938,
79.1191

■ 85.1617, 89.5706,
97.5891

■ 53.4768, 29.4522,
77.0032

■ 89.2026, 97.1669,
100.4325

■ 51.9073, 26.7572,
75.1118

■ 89.5093, 97.2896,
102.0474

■ 50.8863, 25.1538,
73.4189

■ 89.8192, 97.4136,
103.6796

■ 50.2854, 24.3841,
71.8871

■ 90.1325, 97.5389,
105.3294

■ 90.4491, 97.6655,
106.9966

■ 90.7691, 97.7935,
108.6813

Harmonies

Analogous

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



59.5156, 53.9186, 110.7556



66.6229, 53.9186, 87.0167



69.5563, 53.9186, 59.9752

Triad

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



66.6229, 53.9186, 87.0167



51.6885, 53.9186, 23.0305



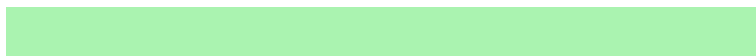
38.0801, 53.9186, 84.2148

Complementary

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



66.6229, 53.9186, 87.0167



56.4668, 75.7834, 52.7289

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.



36.4723, 53.9186, 57.4592



66.6229, 53.9186, 87.0167



43.7839, 53.9186, 26.2185

Square

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



66.6229, 53.9186, 87.0167



60.3602, 53.9186, 26.9603



38.4416, 53.9186, 37.3201



43.1024, 53.9186, 108.8460

Rectangle

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



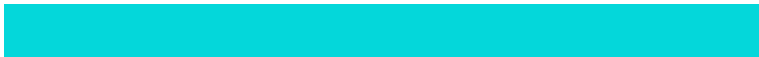
66.6229, 53.9186, 87.0167



68.5273, 53.9186, 44.9835



38.4416, 53.9186, 37.3201



37.1488, 53.9186, 74.9740

Sweetspot

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



66.6246, 53.9210, 87.0178



87.8584, 86.1005, 105.0118



48.2041, 44.3219, 90.8093



18.5737, 17.9824, 22.3483



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.



66.6246, 53.9210, 87.0178



71.2314, 54.2689, 95.0842



61.9561, 52.0536, 62.4340



17.1514, 16.7434, 20.5439



27.6224, 13.3924, 39.5815



2.4448, 1.1839, 3.5687

Inverse Universe

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



66.6246, 53.9210, 87.0178



71.2314, 54.2689, 95.0842



60.4341, 77.3703, 73.6201



17.1514, 16.7434, 20.5439



27.6224, 13.3924, 39.5815



2.4448, 1.1839, 3.5687

Previews

White Background



This preview shows how the XYZ color 66.6229, 53.9186, 87.0167 looks on a white background.

Color Contrast Check

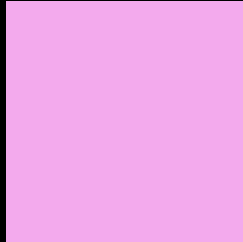
Large Text (above 18pt) WCAG AA × Fail

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 66.6229, 53.9186, 87.0167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

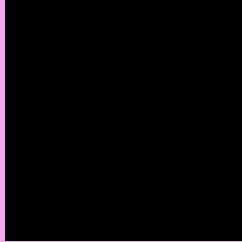
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6229, 53.9186, 87.0167

Background



This preview shows how black text looks on a background with the XYZ color 66.6229, 53.9186, 87.0167.



This preview shows how white text looks on a background with the XYZ color 66.6229, 53.9186,

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

66.6229, 53.9186, 87.0167

Protanopia

54.9394, 54.2561, 100.5054

Deuteranopia

55.3696, 54.1794, 84.6302



Tritanopia

60.5596, 54.0505, 57.1101

Trichromacy



Original Color

66.6229, 53.9186, 87.0167



Protanomaly

58.2861, 53.5529, 95.2604



Deuteranomaly

58.9361, 53.8045, 85.1209



Tritanomaly

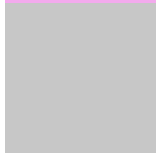
62.5071, 53.9555, 66.7945

Monochromacy



Original Color

66.6229, 53.9186, 87.0167



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.0178, 55.2176, 70.5510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6229, 53.9186, 87.0167 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(243, 170, 237)` looks like.

```
.text, #text, p{  
    color:rgb(243, 170, 237)  
}
```

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(243, 170, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 170, 237) }
```

Border

The CSS property to change the border of an element to XYZ 66.6229, 53.9186, 87.0167 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(243, 170, 237) }
```


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

```
.border{ border-color:rgb(243, 170, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 170, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 170, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 170, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 170,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6229, 53.9186, 87.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 170, 237) }
```

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

```
.background{ background-color: rgb(243,  
170, 237) }
```

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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