

Converting Colors

XYZ(66.3521, 56.7217, 82.1037)

Have a look what the booklet for
XYZ(66.3521, 56.7217, 82.1037)
contains.

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Color

**XYZ(66.5394, 56.8810,
82.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B4E6
RGB	240, 180, 230
RGB Percent	94%, 71%, 90%
CMY	0.0588, 0.2941, 0.0980
CMYK	0.00, 0.25, 0.04, 0.06
HSL	310°, 67%, 82%
HSV	310°, 25%, 94%
XYZ	66.5394, 56.8810, 82.3350
YIQ	203.6400, 19.7100, 28.2700

Conversions

Conversions Part 2

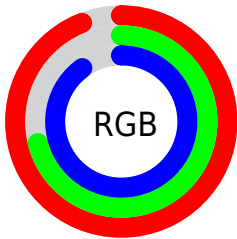
Format	Color
R _Y B	240, 180, 230
Decimal	15774950
CIE Lab	80.11, 29.69, -16.50
CIE LCh	80, 33.964, 330.938
Yxy	56.8810, 0.3234, 0.2764
Android (android.graphics.Color)	4293965030 (0xFFFF0B4E6)
YUV	203.6400, 12.9955, 31.8877
Hunter-Lab	75.4195, 25.4988, -11.9329

Details

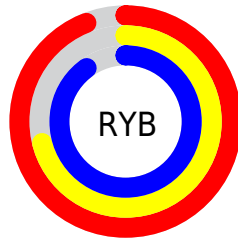
The XYZ color **66.5394, 56.8810, 82.3350** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.2791, 75.7429, 60.2141**, and the grayscale version is **57.0808, 60.0535, 65.3982**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **34.7578, 28.3020, 43.6753** is the 20% darker color. If you saturate the color by 10%, you get **61.5526, 47.7953, 77.9332**, and if you desaturate by 10%, it is **72.3814, 67.6546, 87.0868**.

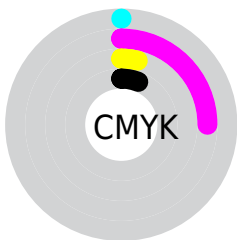
Distribution



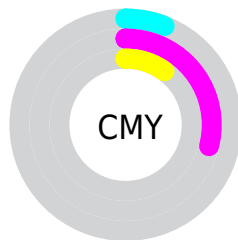
- Red (94%)
- Green (71%)
- Blue (90%)



- Red (94%)
- Yellow (71%)
- Blue (90%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5394, 56.8810, 82.3350 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 66.5394, 56.8810, 82.3350 by changing the saturation by 10% instead.

66.5394, 56.8810,
82.3350

66.5394, 56.8810,
82.3350

437.7618,
413.0033, 522.6804

48.9797, 40.9097,
61.1043

113.3136,
100.2915, 138.4846

34.8179, 28.2485,
43.8782

143.2589,
128.4996, 174.2405

23.6885, 18.5131,
30.2383

178.0634,
161.5553, 215.6753

15.2262, 11.3190,
19.7659

218.0924,
199.8431, 263.2074

9.0656, 6.2818,
12.0426

263.7115,
243.7474, 317.2555

4.8415, 3.0172,
6.6498

315.2858,

2.1883, 1.1407,

293.6526, 378.2379

3.1690

373.1808,
349.9431, 446.5734

■ 0.7366, 0.0125,
1.1816

■ 0.0000, 0.0000,
0.0000

■ 66.5394, 56.8810,
82.3350

■ 66.5394, 56.8810,
82.3350

■ 61.5526, 47.7953,
77.9332

■ 72.3814, 67.6546,
87.0868

■ 57.3725, 40.3034,
73.8628

■ 79.1136, 80.1887,
92.1987

■ 53.9536, 34.3137,
70.1090

■ 86.7753, 94.5610,
97.6848

■ 51.2439, 29.7219,
66.6539

■ 88.3306, 96.6995,
101.2004

■ 49.1845, 26.4108,
63.4775

■ 88.9515, 96.9478,
104.4697

■ 47.7071, 24.2437,
60.5566

■ 89.5856, 97.2015,
107.8092

■ 46.7276, 23.0527,
57.8626

■ 89.7457, 97.2655,
108.6518

■ 46.3606, 22.6955,
56.5789

Harmonies

Analogous

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



61.1920, 56.8810, 100.6761



66.5394, 56.8810, 82.3350



68.4786, 56.8810, 61.3124

Triad

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



66.5394, 56.8810, 82.3350



53.8463, 56.8810, 31.1271



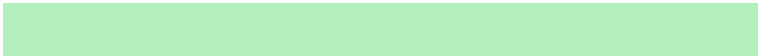
43.4417, 56.8810, 83.6475

Complementary

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



66.5394, 56.8810, 82.3350



59.2791, 75.7429, 60.2141

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.



41.8285, 56.8810, 62.5593



66.5394, 56.8810, 82.3350



47.5116, 56.8810, 34.6758

Square

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



66.5394, 56.8810, 82.3350



60.7834, 56.8810, 34.2540



43.2538, 56.8810, 45.2159



47.8584, 56.8810, 101.5405

Rectangle

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



66.5394, 56.8810, 82.3350



67.4579, 56.8810, 49.2973



43.2538, 56.8810, 45.2159



42.5713, 56.8810, 76.5637

Sweetspot

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



66.5411, 56.8835, 82.3362



89.1422, 88.9451, 104.5858



53.2872, 49.8839, 89.2592



18.9763, 18.8443, 22.3082



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.



66.5411, 56.8835, 82.3362



73.3245, 59.7259, 91.8640



62.6839, 55.3406, 62.0242



16.3345, 15.9835, 19.3178



25.4210, 12.4408, 31.1971



2.1445, 1.0469, 2.7519

Inverse Universe

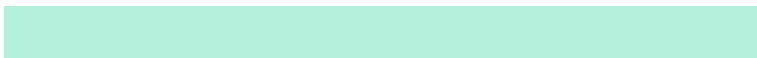
The Inverse Universe completely reimagines the original color for something new.



66.5411, 56.8835, 82.3362



73.3245, 59.7259, 91.8640



62.9028, 77.1924, 79.2964



16.3345, 15.9835, 19.3178



25.4210, 12.4408, 31.1971



2.1445, 1.0469, 2.7519

Previews

White Background



This preview shows how the XYZ color 66.5394, 56.8810, 82.3350 looks on a white background.

Color Contrast Check

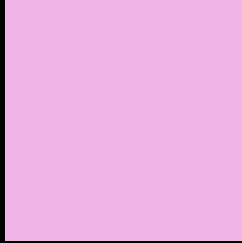
Large Text (above 18pt) WCAG AA × Fail

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 66.5394, 56.8810, 82.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

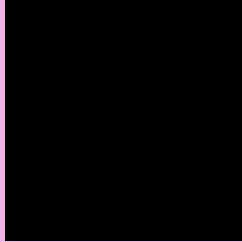
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5394, 56.8810, 82.3350

Background



This preview shows how black text looks on a background with the XYZ color 66.5394, 56.8810, 82.3350.



This preview shows how white text looks on a background with the XYZ color 66.5394, 56.8810,

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

66.5394, 56.8810, 82.3350

Protanopia

56.8297, 57.1022, 91.2457

Deuteranopia

58.3338, 57.1088, 80.6216



Tritanopia

62.3664, 56.7009, 62.3009

Trichromacy



Original Color

66.5394, 56.8810, 82.3350



Protanomaly

59.9293, 56.7859, 87.9229



Deuteranomaly

61.1146, 56.9021, 81.1609



Tritanomaly

63.6164, 56.5746, 69.1951

Monochromacy



Original Color

66.5394, 56.8810, 82.3350



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

60.1406, 58.5860, 71.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5394, 56.8810, 82.3350 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, 180, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 230)  
}
```

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, 180, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 230) }
```

Border

The CSS property to change the border of an element to XYZ 66.5394, 56.8810, 82.3350 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, 180, 230) }
```


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

```
.border{ border-color:rgb(240, 180, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5394, 56.8810, 82.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 230) }
```

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

```
.background{ background-color: rgb(240,  
180, 230) }
```

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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