

Converting Colors

XYZ(66.0191, 55.5147, 89.4420)

Have a look what the booklet for
XYZ(66.0191, 55.5147, 89.4420)
contains.

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Color

**XYZ(66.0424, 55.5684,
89.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB1F0
RGB	236, 177, 240
RGB Percent	93%, 69%, 94%
CMY	0.0745, 0.3059, 0.0588
CMYK	0.02, 0.26, 0.00, 0.06
HSL	296°, 68%, 82%
HSV	296°, 26%, 94%
XYZ	66.0424, 55.5684, 89.6830
YIQ	201.8230, 14.9410, 32.1010

Conversions

Conversions Part 2

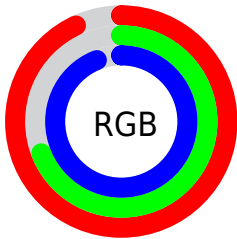
Format	Color
R _Y B	236, 177, 240
Decimal	15512048
CIE Lab	79.37, 31.79, -23.05
CIE LCh	79, 39.268, 324.057
Yxy	55.5684, 0.3126, 0.2630
Android (android.graphics.Color)	4293702128 (0xFFECB1F0)
YUV	201.8230, 18.8213, 29.9732
Hunter-Lab	74.5442, 27.6896, -19.1499

Details

The XYZ color **66.0424, 55.5684, 89.6830** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.1538, 75.3196, 53.0708**, and the grayscale version is **55.9101, 58.8218, 64.0569**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **34.4498, 27.4597, 48.8320** is the 20% darker color. If you saturate the color by 10%, you get **61.2093, 46.6489, 88.2169**, and if you desaturate by 10%, it is **71.7169, 66.1622, 91.4295**.

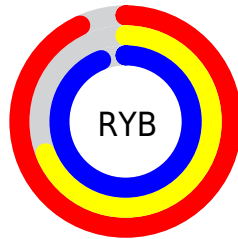
Distribution



Red (93%)

Green (69%)

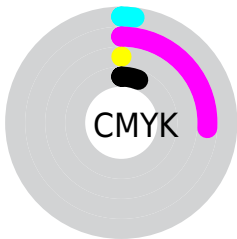
Blue (94%)



Red (93%)

Yellow (69%)

Blue (94%)

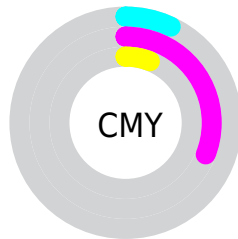


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (31%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0424, 55.5684, 89.6830 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 66.0424, 55.5684, 89.6830 by changing the saturation by 10% instead.


 66.0424, 55.5684,
89.6830

 66.0424, 55.5684,
89.6830

436.0147,
408.0629, 547.5426

 48.5747, 39.8570,
67.1455

 112.6046, 98.3733,
148.8297

 34.4953, 27.4271,
48.7406


142.4297,
126.2355, 186.2759

 23.4391, 17.8942,
34.0496


177.1047,
158.9168, 229.5289

 15.0405, 10.8741,
22.6540

216.9949,
196.8015, 279.0070

 8.9343, 5.9822,
14.1353

262.4656,
240.2741, 335.1289

 4.7551, 2.8343,
8.0750

313.8823,

 2.1376, 1.0458,

289.7189, 398.3131

4.0545

371.6102,
345.5204, 468.9782

■ 0.7095, 0.0000,
1.6553

■ 0.0000, 0.0000,
0.3298

■ 66.0424, 55.5684,
89.6830

■ 66.0424, 55.5684,
89.6830

■ 61.2093, 46.6489,
88.2169

■ 71.7169, 66.1622,
91.4295

■ 57.1687, 39.3091,
87.0132

■ 78.2681, 78.5039,
93.4665

■ 53.8746, 33.4562,
86.0570

■ 85.7356, 92.6717,
95.8075

■ 51.2745, 28.9845,
85.3310

■ 88.1393, 96.7056,
96.4595

49.3084, 25.7748,
84.8151

88.6648, 96.9765,
96.4841

47.9067, 23.6874,
84.4860

89.1946, 97.2496,
96.5089

46.9824, 22.5485,
84.3149

89.7288, 97.5250,
96.5339

46.7063, 22.2611,
84.2740

90.2674, 97.8027,
96.5591

90.8104, 98.0826,
96.5845

Harmonies

Analogous

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



59.2296, 55.5684, 109.3475



66.0424, 55.5684, 89.6830



69.3465, 55.5684, 65.1049

Triad

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



66.0424, 55.5684, 89.6830



54.3989, 55.5684, 26.8195



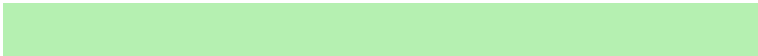
40.1653, 55.5684, 79.9513

Complementary

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



66.0424, 55.5684, 89.6830



58.1538, 75.3196, 53.0708

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.



39.1465, 55.5684, 56.1262



66.0424, 55.5684, 89.6830



46.8831, 55.5684, 28.9258

Square

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



66.0424, 55.5684, 89.6830



62.2082, 55.5684, 31.7577



41.4852, 55.5684, 38.4599



44.4204, 55.5684, 102.8223

Rectangle

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



66.0424, 55.5684, 89.6830



68.9016, 55.5684, 50.5748



41.4852, 55.5684, 38.4599



39.4518, 55.5684, 71.6557

Sweetspot

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



66.0441, 55.5708, 89.6842



88.4091, 87.4231, 106.8224



50.4265, 48.7702, 89.1947



18.6721, 18.2382, 22.7861



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.



66.0441, 55.5708, 89.6842



72.9833, 58.5717, 102.0666



63.6312, 54.7608, 69.9693



16.3494, 15.9773, 19.9438



25.6109, 12.2083, 46.1345



2.1603, 1.0309, 3.8393

Inverse Universe

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



59.9996, 53.3081, 50.8456



65.0928, 55.6260, 51.0052



60.2285, 76.0427, 68.8210



15.8135, 15.7751, 16.5741



19.7357, 10.1667, 1.2591



1.6560, 0.8514, 0.1793

Previews

White Background



This preview shows how the XYZ color 66.0424, 55.5684, 89.6830 looks on a white background.

Color Contrast Check

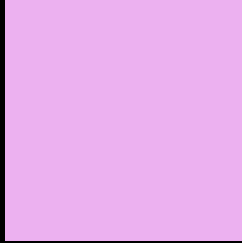
Large Text (above 18pt) WCAG AA × Fail

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 66.0424, 55.5684, 89.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

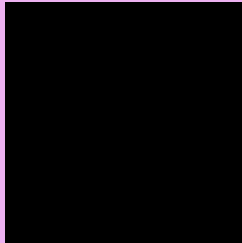
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0424, 55.5684, 89.6830

Background



This preview shows how black text looks on a background with the XYZ color 66.0424, 55.5684, 89.6830.

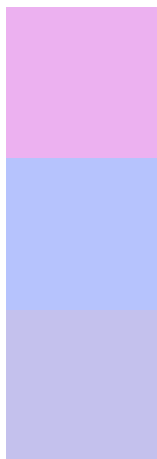


This preview shows how white text looks on a background with the XYZ color 66.0424, 55.5684,

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

66.0424, 55.5684, 89.6830

Protanopia

56.5361, 56.0671, 100.7708

Deuteranopia

57.1210, 55.9901, 87.9173



Tritanopia

60.2909, 55.6444, 61.5956

Trichromacy



Original Color

66.0424, 55.5684, 89.6830



Protanomaly

59.2836, 55.3003, 96.3564



Deuteranomaly

60.0669, 55.5626, 88.4477



Tritanomaly

62.1443, 55.4667, 71.0491

Monochromacy



Original Color

66.0424, 55.5684, 89.6830



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.1962, 57.3939, 72.9239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0424, 55.5684, 89.6830 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(236, 177, 240)` looks like.

```
.text, #text, p{  
    color:rgb(236, 177, 240)  
}
```

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(236, 177, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 177, 240) }
```

Border

The CSS property to change the border of an element to XYZ 66.0424, 55.5684, 89.6830 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(236, 177, 240) }
```


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

```
.border{ border-color:rgb(236, 177, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 177, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 177, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 177, 240);  
box-shadow:4px 4px 4px 4px rgb(236, 177,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0424, 55.5684, 89.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 177, 240) }
```

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

```
.background{ background-color: rgb(236,  
177, 240) }
```

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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