

Converting Colors

XYZ(65.2821, 60.5937, 86.3584)

Have a look what the booklet for
XYZ(65.2821, 60.5937, 86.3584)
contains.

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Color

**XYZ(65.1944, 60.5316,
86.0896)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C2EA
RGB	225, 194, 234
RGB Percent	88%, 76%, 92%
CMY	0.1176, 0.2392, 0.0823
CMYK	0.04, 0.17, 0.00, 0.08
HSL	286°, 49%, 84%
HSV	286°, 17%, 92%
XYZ	65.1944, 60.5316, 86.0896
YIQ	207.8290, 5.6360, 19.0120

Conversions

Conversions Part 2

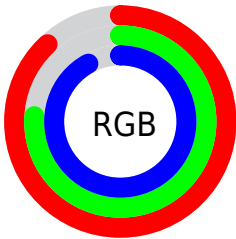
Format	Color
R _Y B	225, 194, 234
Decimal	14795498
CIE Lab	82.13, 18.00, -15.76
CIE LCh	82, 23.919, 318.800
Yxy	60.5316, 0.3078, 0.2858
Android (android.graphics.Color)	4292985578 (0xFFE1C2EA)
YUV	207.8290, 12.9023, 15.0590
Hunter-Lab	77.8021, 13.4209, -11.1442

Details

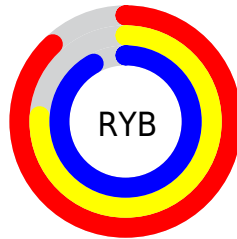
The XYZ color **65.1944, 60.5316, 86.0896** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.7912, 75.4388, 62.2408**, and the grayscale version is **59.7615, 62.8738, 68.4696**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **33.7762, 30.4055, 46.2081** is the 20% darker color. If you saturate the color by 10%, you get **58.7753, 50.0919, 84.4138**, and if you desaturate by 10%, it is **72.4877, 72.6426, 88.0438**.

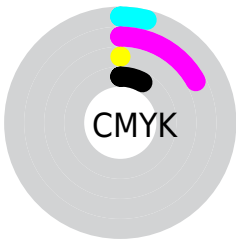
Distribution



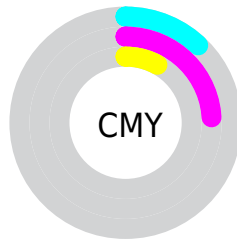
- Red (88%)
- Green (76%)
- Blue (92%)



- Red (88%)
- Yellow (76%)
- Blue (92%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1944, 60.5316, 86.0896 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 65.1944, 60.5316, 86.0896 by changing the saturation by 10% instead.

65.1944, 60.5316,
86.0896

65.1944, 60.5316,
86.0896

433.0244,
426.5545, 535.4649

47.8840, 43.8473,
64.1867

111.3935,
105.6004, 143.7822

33.9459, 30.5505,
46.3548

141.0128,
134.7537, 180.4090

23.0147, 20.2568,
32.1752

175.4659,
168.8321, 222.7808

14.7251, 12.5818,
21.2294

215.1181,
208.2200, 271.3163

8.7118, 7.1412,
13.0989

260.3346,
253.3018, 326.4339

4.6093, 3.5506,
7.3652

311.4810,

2.0523, 1.4255,

304.4619, 388.5522

3.6096

368.9224,
362.0846, 458.0897

■ 0.6631, 0.2354,
1.4137

■ 0.0000, 0.0000,
0.1524

■ 65.1944, 60.5316,
86.0896

■ 65.1944, 60.5316,
86.0896

■ 58.7753, 50.0919,
84.4138

■ 72.4877, 72.6426,
88.0438

■ 53.1863, 41.2389,
82.9995

■ 80.6861, 86.4888,
90.2843

■ 48.3875, 33.8923,
81.8344

■ 86.8180, 96.1257,
91.8212

■ 44.3331, 27.9617,
80.9034

■ 88.6395, 97.0648,
91.9064

■ 40.9728, 23.3467,
80.1897

■ 90.5134, 98.0308,
91.9941

■ 38.2493, 19.9337,
79.6745

■ 91.8515, 98.7206,
92.0567

■ 36.0957, 17.5893,
79.3355

■ 34.4252, 16.1408,
79.1439

■ 33.9894, 15.8066,
79.1024

Harmonies

Analogous

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



60.7366, 60.5316, 96.0707



65.1944, 60.5316, 86.0896



67.6492, 60.5316, 71.4889

Triad

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



65.1944, 60.5316, 86.0896



59.4503, 60.5316, 42.1143



48.7793, 60.5316, 75.3336

Complementary

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



65.1944, 60.5316, 86.0896



63.7912, 75.4388, 62.2408

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.



48.4800, 60.5316, 60.6266



65.1944, 60.5316, 86.0896



54.4450, 60.5316, 42.8297

Square

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



65.1944, 60.5316, 86.0896



64.2052, 60.5316, 47.0339



50.4975, 60.5316, 49.1570



51.3407, 60.5316, 89.2580

Rectangle

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



65.1944, 60.5316, 86.0896



67.7283, 60.5316, 61.7241



50.4975, 60.5316, 49.1570



48.4167, 60.5316, 70.2781

Sweetspot

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



65.1962, 60.5342, 86.0909



90.0690, 91.5931, 107.5398



58.5366, 60.2820, 86.3932



19.1335, 19.3611, 22.9786



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.



65.1962, 60.5342, 86.0909



75.9869, 68.2493, 103.7762



66.5896, 61.4243, 78.3959



15.3641, 15.1330, 19.0334



19.2135, 8.9408, 44.4561



1.5899, 0.7439, 3.4947

Inverse Universe

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



64.0050, 60.3904, 64.7858



74.3054, 68.0729, 72.5066



62.6523, 74.7082, 68.6674



15.2043, 15.1096, 16.3609



19.4635, 9.9881, 2.9760



1.5639, 0.7985, 0.4211

Previews

White Background



This preview shows how the XYZ color 65.1944, 60.5316, 86.0896 looks on a white background.

Color Contrast Check

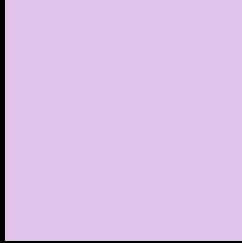
Large Text (above 18pt) WCAG AA × Fail

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 65.1944, 60.5316, 86.0896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

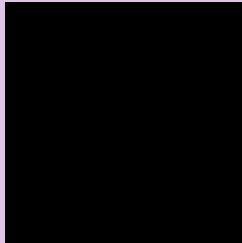
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1944, 60.5316, 86.0896

Background



This preview shows how black text looks on a background with the XYZ color 65.1944, 60.5316, 86.0896.



This preview shows how white text looks on a background with the XYZ color 65.1944, 60.5316,

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

65.1944, 60.5316, 86.0896

Protanopia

60.1101, 60.8735, 91.0197

Deuteranopia

61.9954, 60.5789, 85.5162



Tritanopia

62.3285, 60.7219, 71.3862

Trichromacy



Original Color

65.1944, 60.5316, 86.0896

Protanomaly

61.8190, 60.7470, 89.3560

Deuteranomaly

62.9931, 60.4146, 85.4319

Tritanomaly

63.4488, 60.8409, 76.8060

Monochromacy



Original Color

65.1944, 60.5316, 86.0896

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6119, 62.0178, 74.3690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1944, 60.5316, 86.0896 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(225, 194, 234)` looks like.

```
.text, #text, p{  
    color:rgb(225, 194, 234)  
}
```

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(225, 194, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 194, 234) }
```

Border

The CSS property to change the border of an element to XYZ 65.1944, 60.5316, 86.0896 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(225, 194, 234) }
```


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

```
.border{ border-color:rgb(225, 194, 234) }
```

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

Here you see how a box with a 4 pixel rgb(225, 194, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 194, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 194, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 194,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1944, 60.5316, 86.0896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 194, 234) }
```

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

```
.background{ background-color: rgb(225,  
194, 234) }
```

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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