

Converting Colors

XYZ(65.6139, 52.1625, 93.1606)

Have a look what the booklet for
XYZ(65.6139, 52.1625, 93.1606)
contains.

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Color

**XYZ(65.7143, 52.2157,
93.0013)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA6F5
RGB	239, 166, 245
RGB Percent	94%, 65%, 96%
CMY	0.0627, 0.3490, 0.0392
CMYK	0.02, 0.32, 0.00, 0.04
HSL	295°, 80%, 81%
HSV	295°, 32%, 96%
XYZ	65.7143, 52.2157, 93.0013
YIQ	196.8330, 18.1490, 40.0450

Conversions

Conversions Part 2

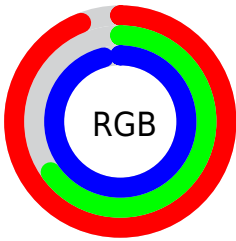
Format	Color
R _{YB}	239, 166, 245
Decimal	15705845
CIE _{Lab}	77.41, 39.50, -28.71
CIE _{LCh}	77, 48.828, 323.987
Y _{xy}	52.2157, 0.3115, 0.2475
Android (android.graphics.Color)	4293895925 (0xFFEFA6F5)
YUV	196.8330, 23.7463, 36.9805
Hunter-Lab	72.2604, 35.8738, -25.7257

Details

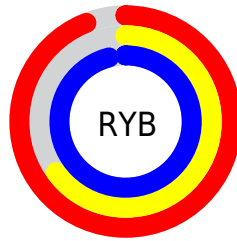
The XYZ color **65.7143, 52.2157, 93.0013** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **56.5502, 76.8299, 47.9280**, and the grayscale version is **52.8253, 55.5764, 60.5227**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **34.3818, 25.4295, 51.2404** is the 20% darker color. If you saturate the color by 10%, you get **61.0534, 43.8205, 91.6273**, and if you desaturate by 10%, it is **71.2333, 62.3153, 94.6606**.

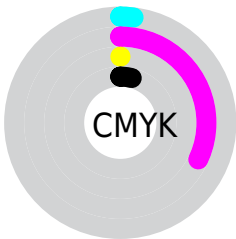
Distribution



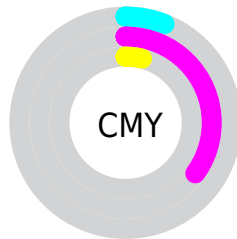
- Red (94%)
- Green (65%)
- Blue (96%)



- Red (94%)
- Yellow (65%)
- Blue (96%)



- Cyan (2%)
- Magenta (32%)
- Yellow (0%)
- Black (4%)




- Cyan (6%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7143, 52.2157, 93.0013 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 65.7143, 52.2157, 93.0013 by changing the saturation by 10% instead.


 65.7143, 52.2157,
93.0013


 65.7143, 52.2157,
93.0013

434.8592,
395.2688, 558.5664

 48.3074, 37.1770,
69.8849

 112.1362, 93.4493,
153.4721

 34.2826, 25.3446,
50.9565


 141.8818,
120.4130, 191.6637

 23.2747, 16.3340,
35.7975


176.4711,
152.1205, 235.7173

 14.9183, 9.7608,
23.9894

216.2694,
188.9562, 286.0516

 8.8480, 5.2406,
15.1136

261.6419,
231.3044, 343.0852

 4.6985, 2.3891,
8.7517

312.9542,

 2.1044, 0.8203,

279.5497, 407.2364

4.4850

370.5715,
334.0763, 478.9240

■ 0.6916, 0.0000,
1.8950

■ 0.0000, 0.0000,
0.4895

■ 65.7143, 52.2157,
93.0013

■ 65.7143, 52.2157,
93.0013

■ 61.0534, 43.8205,
91.6273

■ 71.2333, 62.3153,
94.6606

■ 57.1972, 37.0264,
90.5191

■ 77.6500, 74.2016,
96.6167

■ 54.0943, 31.7291,
89.6602

■ 85.0073, 87.9596,
98.8845

■ 51.6850, 27.8097,
89.0307

■ 90.4036, 97.7859,
100.4967

■ 49.9006, 25.1306,
88.6076

■ 91.0611, 98.1248,
100.5275

■ 48.6583, 23.5261,
88.3634

■ 91.7252, 98.4672,
100.5586

■ 47.9698, 22.8254,
88.2644

■ 92.3958, 98.8129,
100.5900

■ 93.0730, 99.1620,
100.6217

■ 93.4816, 99.3726,
100.6408

Harmonies

Analogous

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



57.3375, 52.2157, 118.3953



65.7143, 52.2157, 93.0013



69.8391, 52.2157, 62.4453

Triad

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



65.7143, 52.2157, 93.0013



51.5452, 52.2157, 19.3746



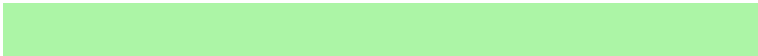
34.8929, 52.2157, 80.5734

Complementary

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



65.7143, 52.2157, 93.0013



56.5502, 76.8299, 47.9280

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.



33.7513, 52.2157, 51.6069



65.7143, 52.2157, 93.0013



42.6451, 52.2157, 21.4870

Square

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



65.7143, 52.2157, 93.0013



61.0210, 52.2157, 24.4450



36.4100, 52.2157, 31.5470



39.7519, 52.2157, 109.7790

Rectangle

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



65.7143, 52.2157, 93.0013



69.2930, 52.2157, 45.2491



36.4100, 52.2157, 31.5470



34.0895, 52.2157, 70.2907

Sweetspot

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



65.7160, 52.2180, 93.0024



86.7390, 84.4303, 106.3328



47.0732, 44.4296, 92.4817



18.3338, 17.6393, 22.6884



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.



65.7160, 52.2180, 93.0024



68.3790, 50.7018, 100.7902



63.1882, 51.4447, 68.9437



17.0822, 16.7005, 20.8658



25.8952, 12.3238, 47.5519



2.3122, 1.1019, 4.1810

Inverse Universe

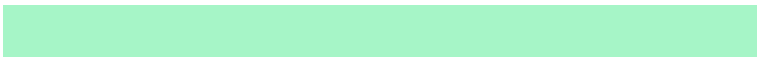
The Inverse Universe completely reimagines the original color for something new.



58.7404, 49.6656, 45.5222



59.6731, 47.5342, 40.7283



58.6792, 77.5327, 65.8567



16.5502, 16.5029, 17.3779



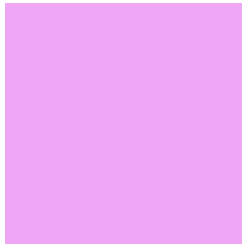
20.3664, 10.4900, 1.3717



1.8074, 0.9289, 0.2119

Previews

White Background



This preview shows how the XYZ color 65.7143, 52.2157, 93.0013 looks on a white background.

Color Contrast Check

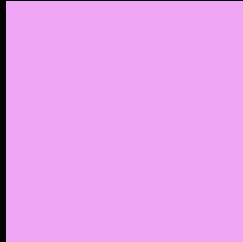
Large Text (above 18pt) WCAG AA × Fail

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 65.7143, 52.2157, 93.0013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

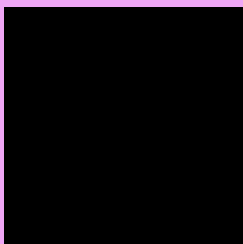
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7143, 52.2157, 93.0013

Background



This preview shows how black text looks on a background with the XYZ color 65.7143, 52.2157, 93.0013.



This preview shows how white text looks on a background with the XYZ color 65.7143, 52.2157,

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

65.7143, 52.2157, 93.0013

Protanopia

53.4812, 52.4994, 101.9224

Deuteranopia

53.8680, 52.6316, 90.5389



Tritanopia

57.9714, 52.1509, 55.7259

Trichromacy



Original Color

65.7143, 52.2157, 93.0013



Protanomaly

56.9624, 51.8831, 98.2790



Deuteranomaly

57.5251, 52.0325, 91.0158



Tritanomaly

60.5081, 52.0327, 67.8270

Monochromacy



Original Color

65.7143, 52.2157, 93.0013



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.8479, 53.9699, 71.0394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7143, 52.2157, 93.0013 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(239, 166, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 166, 245)  
}
```

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(239, 166, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 166, 245) }
```

Border

The CSS property to change the border of an element to XYZ 65.7143, 52.2157, 93.0013 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(239, 166, 245) }
```


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

```
.border{ border-color:rgb(239, 166, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 166, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 166, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 166, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 166,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7143, 52.2157, 93.0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 166, 245) }
```

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

```
.background{ background-color: rgb(239,  
166, 245) }
```

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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