

Converting Colors

XYZ(65.0504, 56.3326, 90.6255)

Have a look what the booklet for
XYZ(65.0504, 56.3326, 90.6255)
contains.

XYZ(65.0342, 56.2216, 90.6433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.0342, 56.2216,
90.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B5F1
RGB	230, 181, 241
RGB Percent	90%, 71%, 95%
CMY	0.0980, 0.2902, 0.0549
CMYK	0.05, 0.25, 0.00, 0.05
HSL	289°, 68%, 83%
HSV	289°, 25%, 95%
XYZ	65.0342, 56.2216, 90.6433
YIQ	202.4910, 9.9440, 29.0480

Conversions

Conversions Part 2

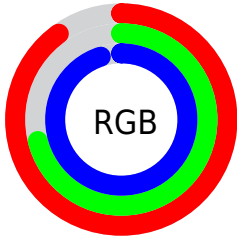
Format	Color
R _Y B	230, 181, 241
Decimal	15119857
CIE Lab	79.74, 27.92, -23.07
CIE LCh	80, 36.222, 320.430
Yxy	56.2216, 0.3069, 0.2653
Android (android.graphics.Color)	4293309937 (0xFFE6B5F1)
YUV	202.4910, 18.9849, 24.1254
Hunter-Lab	74.9811, 23.6036, -19.1879

Details

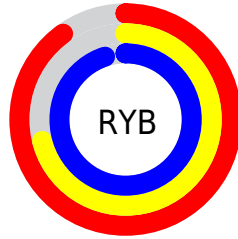
The XYZ color **65.0342, 56.2216, 90.6433** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.5359, 77.4547, 55.4257**, and the grayscale version is **56.3279, 59.2613, 64.5356**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **33.9317, 27.9398, 49.5035** is the 20% darker color. If you saturate the color by 10%, you get **59.1518, 46.5342, 89.0843**, and if you desaturate by 10%, it is **71.8036, 67.6275, 92.4889**.

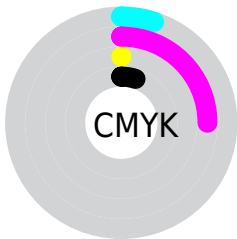
Distribution



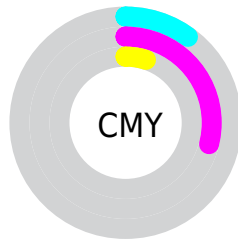
- Red (90%)
- Green (71%)
- Blue (95%)



- Red (90%)
- Yellow (71%)
- Blue (95%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)





- Cyan (10%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0342, 56.2216, 90.6433 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 65.0342, 56.2216, 90.6433 by changing the saturation by 10% instead.


 65.0342, 56.2216,
90.6433

 65.0342, 56.2216,
90.6433


432.4581,
410.5261, 550.7453

 47.7536, 40.3806,
67.9376


 111.1645, 99.3285,
150.1750

 33.8422, 27.8354,
49.3806


140.7448,
127.3632, 187.8380

 22.9348, 18.2016,
34.5538


175.1559,
160.2313, 231.3239

 14.6658, 11.0949,
23.0385

214.7629,
198.3172, 281.0512

 8.6699, 6.1307,
14.4164

259.9313,
242.0052, 337.4385

 4.5819, 2.9247,
8.2688

311.0264,

 2.0363, 1.0925,

291.6797, 400.9042

4.1772

368.4135,
347.7252, 471.8670

■ 0.6542, 0.0000,
1.7230

■ 0.0000, 0.0000,
0.3765

■ 65.0342, 56.2216,
90.6433

■ 65.0342, 56.2216,
90.6433

■ 59.1518, 46.5342,
89.0843

■ 71.8036, 67.6275,
92.4889

■ 54.1073, 38.4707,
87.7938

■ 79.4956, 80.8258,
94.6310

■ 49.8546, 31.9383,
86.7570

■ 88.1500, 95.8949,
97.0835

■ 46.3410, 26.8318,
85.9566

■ 90.2337, 97.7681,
97.3353

■ 43.5069, 23.0326,
85.3726

■ 91.8161, 98.5839,
97.4093

■ 41.2833, 20.4030,
84.9823

■ 92.8774, 99.1309,
97.4590

■ 39.5852, 18.7735,
84.7572

■ 38.8556, 18.1967,
84.6844

Harmonies

Analogous

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



58.5007, 56.2216, 107.2784



65.0342, 56.2216, 90.6433



68.5481, 56.2216, 68.1633

Triad

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



65.0342, 56.2216, 90.6433



55.8108, 56.2216, 29.4559



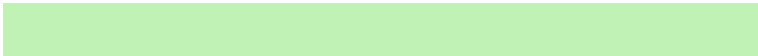
41.3055, 56.2216, 76.3875

Complementary

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



65.0342, 56.2216, 90.6433



61.5359, 77.4547, 55.4257

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.



40.7278, 56.2216, 54.7571



65.0342, 56.2216, 90.6433



48.6742, 56.2216, 30.6847

Square

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



65.0342, 56.2216, 90.6433



62.9113, 56.2216, 35.1097



43.3075, 56.2216, 38.9654



44.9650, 56.2216, 97.8311

Rectangle

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



65.0342, 56.2216, 90.6433



68.5048, 56.2216, 54.2065



43.3075, 56.2216, 38.9654



40.7583, 56.2216, 68.8047

Sweetspot

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



65.0360, 56.2240, 90.6445



88.4239, 88.5199, 107.0333



53.7852, 53.8765, 90.7844



18.8095, 18.7455, 22.8768



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.



65.0360, 56.2240, 90.6445



70.3372, 57.9565, 102.0873



65.9860, 57.0248, 76.6379



16.1535, 15.8764, 19.9347



21.1765, 9.9223, 45.9269



1.8347, 0.8631, 3.8241

Inverse Universe

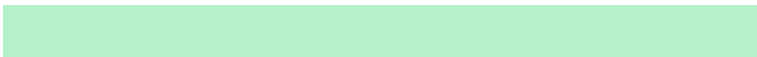
The Inverse Universe completely reimagines the original color for something new.



62.3158, 55.5567, 57.3108



66.8328, 57.1292, 57.6793



60.9386, 76.9059, 66.2784



15.8911, 15.8062, 16.9830



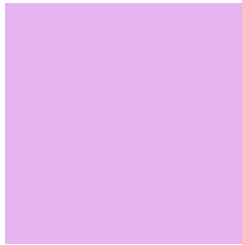
19.9553, 10.2546, 2.4153



1.6928, 0.8662, 0.3733

Previews

White Background



This preview shows how the XYZ color 65.0342, 56.2216, 90.6433 looks on a white background.

Color Contrast Check

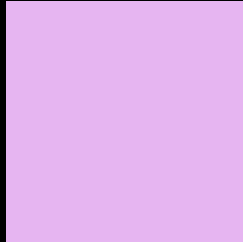
Large Text (above 18pt) WCAG AA × Fail

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 65.0342, 56.2216, 90.6433 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 65.0342, 56.2216, 90.6433

Background



This preview shows how black text looks on a background with the XYZ color 65.0342, 56.2216, 90.6433.



This preview shows how white text looks on a background with the XYZ color 65.0342, 56.2216,

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

65.0342, 56.2216, 90.6433

Protanopia

56.9197, 56.6352, 99.1985

Deuteranopia

57.6759, 56.2422, 89.4773



Tritanopia

59.5032, 56.1255, 64.1971

Trichromacy



Original Color

65.0342, 56.2216, 90.6433



Protanomaly

59.5067, 56.3945, 95.7446



Deuteranomaly

60.2203, 56.2418, 90.1199



Tritanomaly

61.2374, 55.8764, 73.2033

Monochromacy



Original Color

65.0342, 56.2216, 90.6433



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

58.8378, 57.5385, 72.9707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0342, 56.2216, 90.6433 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(230, 181, 241)` looks like.

```
.text, #text, p{  
    color:rgb(230, 181, 241)  
}
```

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(230, 181, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 181, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.0342, 56.2216, 90.6433 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(230, 181, 241) }
```


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

```
.border{ border-color:rgb(230, 181, 241) }
```

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

Here you see how a box with a 4 pixel rgb(230, 181, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 181, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 181, 241);  
box-shadow:4px 4px 4px 4px rgb(230, 181,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0342, 56.2216, 90.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 181, 241) }
```

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

```
.background{ background-color: rgb(230,  
181, 241) }
```

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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