

Converting Colors

XYZ(64.3977, 56.1683, 93.4790)

Have a look what the booklet for
XYZ(64.3977, 56.1683, 93.4790)
contains.

XYZ(64.5734, 56.2172, 93.8338)	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(64.5734, 56.2172,
93.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B6F5
RGB	226, 182, 245
RGB Percent	89%, 71%, 96%
CMY	0.1137, 0.2863, 0.0392
CMYK	0.08, 0.26, 0.00, 0.04
HSL	282°, 76%, 84%
HSV	282°, 26%, 96%
XYZ	64.5734, 56.2172, 93.8338
YIQ	202.3380, 6.0010, 28.9210

Conversions

Conversions Part 2

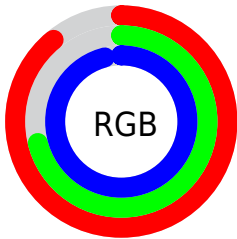
Format	Color
R _Y B	226, 182, 245
Decimal	14857973
CIE Lab	79.74, 26.89, -25.26
CIE LCh	80, 36.894, 316.789
Yxy	56.2172, 0.3009, 0.2619
Android (android.graphics.Color)	4293048053 (0xFFE2B6F5)
YUV	202.3380, 21.0324, 20.7516
Hunter-Lab	74.9781, 22.5178, -21.7157

Details

The XYZ color **64.5734, 56.2172, 93.8338** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.1852, 81.1011, 56.4771**, and the grayscale version is **56.2217, 59.1496, 64.4139**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **33.6131, 27.9207, 51.7617** is the 20% darker color. If you saturate the color by 10%, you get **57.7212, 45.8778, 92.2001**, and if you desaturate by 10%, it is **72.4067, 68.3683, 95.7672**.

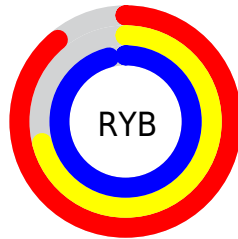
Distribution



Red (89%)

Green (71%)

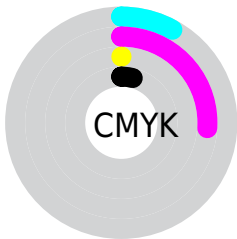
Blue (96%)



Red (89%)

Yellow (71%)

Blue (96%)

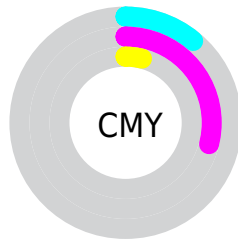


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5734, 56.2172, 93.8338 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 64.5734, 56.2172, 93.8338 by changing the saturation by 10% instead.

64.5734, 56.2172,
93.8338

64.5734, 56.2172,
93.8338

430.8268,
410.5095, 561.3134

47.3787, 40.3771,
70.5732

110.5054, 99.3221,
154.6342

33.5443, 27.8327,
51.5143

139.9735,
127.3556, 193.0110

22.7050, 18.1996,
36.2385

174.2633,
160.2225, 237.2637

14.4953, 11.0934,
24.3273

213.7403,
198.3070, 287.8107

8.5500, 6.1297,
15.3621

258.7697,
241.9935, 345.0707

4.5036, 2.9241,
8.9245

309.7171,

1.9908, 1.0922,

291.6665, 409.4621

4.5958

366.9477,
347.7104, 481.4035

■ 0.6288, 0.0000,
1.9576

■ 0.0000, 0.0000,
0.5290

■ 64.5734, 56.2172,
93.8338

■ 64.5734, 56.2172,
93.8338

■ 57.7212, 45.8778,
92.2001

■ 72.4067, 68.3683,
95.7672

■ 51.7979, 37.2510,
90.8471

■ 81.2595, 82.4094,
98.0108

■ 46.7541, 30.2386,
89.7595

■ 91.0129, 98.1000,
100.5253

■ 42.5334, 24.7296,
88.9186

■ 93.4816, 99.3726,
100.6409

■ 39.0720, 20.5988,
88.3037

■ 36.2958, 17.6996,
87.8904

■ 34.1134, 15.8515,
87.6487

■ 33.3004, 15.2630,
87.5780

Harmonies

Analogous

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



57.6801, 56.2172, 109.5141



64.5734, 56.2172, 93.8338



68.6345, 56.2172, 71.0788

Triad

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



64.5734, 56.2172, 93.8338



56.7755, 56.2172, 29.3171



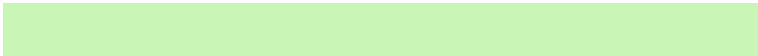
40.8530, 56.2172, 73.8481

Complementary

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



64.5734, 56.2172, 93.8338



65.1852, 81.1011, 56.4771

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.



40.6598, 56.2172, 52.3015



64.5734, 56.2172, 93.8338



49.3992, 56.2172, 29.7249

Square

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



64.5734, 56.2172, 93.8338



63.8583, 56.2172, 35.9051



43.6534, 56.2172, 37.1897



44.2085, 56.2172, 96.2631

Rectangle

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



64.5734, 56.2172, 93.8338



68.9645, 56.2172, 56.4864



43.6534, 56.2172, 37.1897



40.4278, 56.2172, 66.1920

Sweetspot

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



64.5752, 56.2196, 93.8350



86.6565, 86.5196, 106.7404



56.8838, 58.7576, 94.7303



18.2281, 18.0093, 22.7654



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.



64.5752, 56.2196, 93.8350



66.5720, 55.2665, 101.7665



69.1581, 58.7796, 85.1301



16.6987, 16.5028, 20.8478



18.0862, 8.2981, 47.1865



1.6933, 0.7828, 4.1521

Inverse Universe

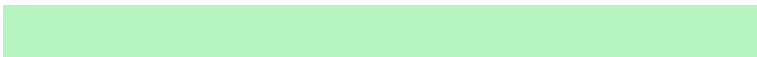
The Inverse Universe completely reimagines the original color for something new.



64.9286, 57.0878, 62.8577



67.1564, 56.4514, 61.8721



61.6329, 79.1262, 62.8013



16.7048, 16.5648, 18.1922



21.0034, 10.7448, 4.7265



1.8896, 0.9618, 0.6450

Previews

White Background



This preview shows how the XYZ color 64.5734, 56.2172, 93.8338 looks on a white background.

Color Contrast Check

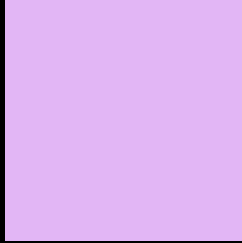
Large Text (above 18pt) WCAG AA × Fail

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 64.5734, 56.2172, 93.8338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

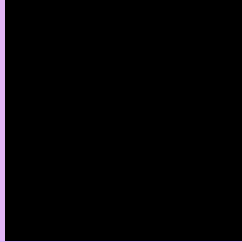
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5734, 56.2172, 93.8338

Background



This preview shows how black text looks on a background with the XYZ color 64.5734, 56.2172, 93.8338.

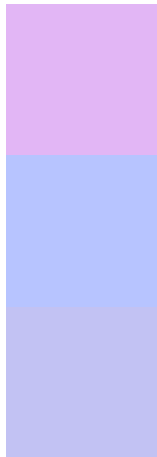


This preview shows how white text looks on a background with the XYZ color 64.5734, 56.2172,

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

64.5734, 56.2172, 93.8338

Protanopia

57.3184, 56.7671, 102.5439

Deuteranopia

57.7176, 56.5240, 92.6622



Tritanopia

58.8277, 56.4022, 64.9129

Trichromacy



Original Color

64.5734, 56.2172, 93.8338



Protanomaly

59.5966, 56.3688, 99.0060



Deuteranomaly

60.1962, 56.4804, 93.3171



Tritanomaly

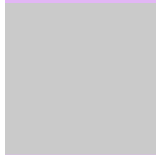
60.6807, 56.1847, 74.6643

Monochromacy



Original Color

64.5734, 56.2172, 93.8338



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.0340, 57.9411, 74.4020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5734, 56.2172, 93.8338 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(226, 182, 245)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 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(226, 182, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 245) }
```

Border

The CSS property to change the border of an element to XYZ 64.5734, 56.2172, 93.8338 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(226, 182, 245) }
```


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

```
.border{ border-color:rgb(226, 182, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 245);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5734, 56.2172, 93.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 245) }
```

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

```
.background{ background-color: rgb(226,  
182, 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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