

Converting Colors

XYZ(64.1198, 55.3779, 83.1212)

Have a look what the booklet for
XYZ(64.1198, 55.3779, 83.1212)
contains.

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Color

**XYZ(64.1482, 55.3334,
82.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B3E7
RGB	233, 179, 231
RGB Percent	91%, 70%, 91%
CMY	0.0863, 0.2980, 0.0941
CMYK	0.00, 0.23, 0.01, 0.09
HSL	302°, 55%, 81%
HSV	302°, 23%, 91%
XYZ	64.1482, 55.3334, 82.9007
YIQ	201.0740, 15.4920, 27.6200

Conversions

Conversions Part 2

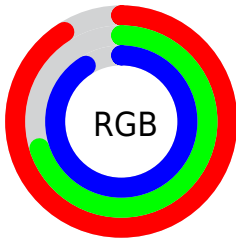
Format	Color
R _Y B	233, 179, 231
Decimal	15315943
CIE Lab	79.23, 28.10, -18.43
CIE LCh	79, 33.602, 326.735
Yxy	55.3334, 0.3170, 0.2734
Android (android.graphics.Color)	4293506023 (0xFFE9B3E7)
YUV	201.0740, 14.7535, 27.9991
Hunter-Lab	74.3864, 23.7558, -14.0058

Details

The XYZ color **64.1482, 55.3334, 82.9007** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0721, 71.1995, 54.5068**, and the grayscale version is **55.4694, 58.3581, 63.5520**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **33.3302, 27.3640, 44.0825** is the 20% darker color. If you saturate the color by 10%, you get **59.7461, 46.7229, 80.8339**, and if you desaturate by 10%, it is **69.3433, 65.5270, 85.2361**.

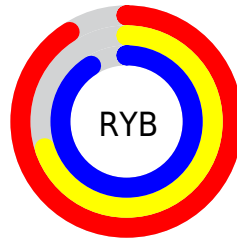
Distribution



Red (91%)

Green (70%)

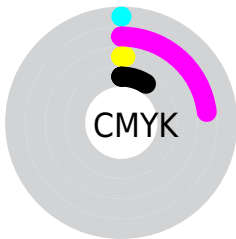
Blue (91%)



Red (91%)

Yellow (70%)

Blue (91%)

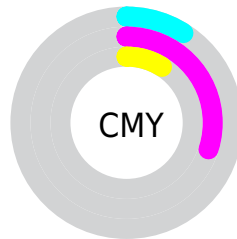


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (30%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1482, 55.3334, 82.9007 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 64.1482, 55.3334, 82.9007 by changing the saturation by 10% instead.

64.1482, 55.3334,
82.9007

64.1482, 55.3334,
82.9007

429.3184,
407.1745, 524.6179

47.0328, 39.6687,
61.5681

109.8969, 98.0293,
139.2844

33.2697, 27.2803,
44.2503

139.2609,
125.8292, 175.1725

22.4933, 17.7839,
30.5287

173.4386,
158.4431, 216.7496

14.3385, 10.7949,
19.9848

212.7952,
196.2552, 264.4341

8.4397, 5.9291,
12.2000

257.6961,
239.6501, 318.6447

4.4317, 2.8020,
6.7558

308.5067,

1.9492, 1.0293,

289.0119, 379.7998

3.2338

365.5923,
344.7253, 448.3180

0.6052, 0.0000,
1.2152

0.0000, 0.0000,
0.0000

64.1482, 55.3334,
82.9007

64.1482, 55.3334,
82.9007

59.7461, 46.7229,
80.8339

69.3433, 65.5270,
85.2361

56.0923, 39.6090,
79.0188


75.3631, 77.3700,
87.8487


53.1454, 33.9079,
77.4423


82.2439, 90.9341,
90.7513


50.8579, 29.5247,
76.0886


84.2814, 94.8105,
92.0425


 49.1766, 26.3529,
74.9399


 84.4061, 94.8604,
92.6990


 48.0400, 24.2696,
73.9757


 84.5313, 94.9105,
93.3587

 47.3736, 23.1256,
73.1712

 84.6572, 94.9609,
94.0216

 47.1094, 22.7258,
72.6873

 84.7837, 95.0115,
94.6878

 84.9108, 95.0623,
95.3571

Harmonies

Analogous

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



58.6197, 55.3334, 99.6899



64.1482, 55.3334, 82.9007



66.5701, 55.3334, 62.3800

Triad

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



64.1482, 55.3334, 82.9007



53.3318, 55.3334, 30.3505



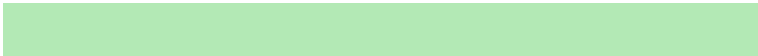
41.8805, 55.3334, 78.4681

Complementary

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



64.1482, 55.3334, 82.9007



56.0721, 71.1995, 54.5068

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.



40.7231, 55.3334, 58.1664



64.1482, 55.3334, 82.9007



46.9937, 55.3334, 32.8834

Square

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



64.1482, 55.3334, 82.9007



60.0000, 55.3334, 34.3105



42.5156, 55.3334, 42.1517



45.8216, 55.3334, 96.7717

Rectangle

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



64.1482, 55.3334, 82.9007



65.9564, 55.3334, 50.2129



42.5156, 55.3334, 42.1517



41.1683, 55.3334, 71.5397

Sweetspot

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



64.1499, 55.3358, 82.9019



89.5113, 89.0927, 106.5294



49.8398, 47.9259, 83.7157



19.0621, 18.8786, 22.7597



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.



64.1499, 55.3358, 82.9019



75.9245, 62.4258, 100.4382



60.6495, 53.9356, 64.4689



15.6893, 15.3036, 18.9151



26.7412, 12.8992, 41.3000



2.1074, 1.0159, 3.2828

Inverse Universe

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



64.1499, 55.3358, 82.9019



75.9245, 62.4258, 100.4382



59.0920, 72.4074, 70.4093



15.6893, 15.3036, 18.9151



26.7412, 12.8992, 41.3000



2.1074, 1.0159, 3.2828

Previews

White Background



This preview shows how the XYZ color 64.1482, 55.3334, 82.9007 looks on a white background.

Color Contrast Check

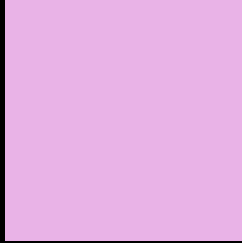
Large Text (above 18pt) WCAG AA × Fail

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 64.1482, 55.3334, 82.9007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

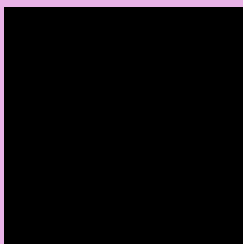
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1482, 55.3334, 82.9007

Background



This preview shows how black text looks on a background with the XYZ color 64.1482, 55.3334, 82.9007.



This preview shows how white text looks on a background with the XYZ color 64.1482, 55.3334,

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

64.1482, 55.3334, 82.9007

Protanopia

55.7918, 55.8801, 91.8498

Deuteranopia

56.8119, 55.6358, 81.8732



Tritanopia

59.9709, 55.4795, 61.5806

Trichromacy



Original Color

64.1482, 55.3334, 82.9007



Protanomaly

58.2588, 55.2647, 88.4855



Deuteranomaly

59.2046, 55.2509, 82.4070



Tritanomaly

61.3245, 55.3931, 69.0878

Monochromacy



Original Color

64.1482, 55.3334, 82.9007



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.3942, 57.0395, 70.2194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1482, 55.3334, 82.9007 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(233, 179, 231)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 231)  
}
```

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(233, 179, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 231) }
```

Border

The CSS property to change the border of an element to XYZ 64.1482, 55.3334, 82.9007 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(233, 179, 231) }
```


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

```
.border{ border-color:rgb(233, 179, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 231);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1482, 55.3334, 82.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 231) }
```

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

```
.background{ background-color: rgb(233,  
179, 231) }
```

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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