

Converting Colors

XYZ(57.0144, 50.3025, 64.4620)

Have a look what the booklet for
XYZ(57.0144, 50.3025, 64.4620)
contains.

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Color

**XYZ(57.0144, 50.3025,
64.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ADCD
RGB	225, 173, 205
RGB Percent	88%, 68%, 80%
CMY	0.1176, 0.3215, 0.1961
CMYK	0.00, 0.23, 0.09, 0.12
HSL	323°, 46%, 78%
HSV	323°, 23%, 88%
XYZ	57.0144, 50.3025, 64.4620
YIQ	192.1960, 20.7200, 20.9760

Conversions

Conversions Part 2

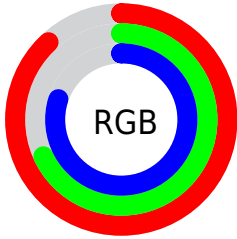
Format	Color
R_{YB}	225, 173, 205
Decimal	14790093
CIE _{Lab}	76.25, 24.03, -8.88
CIE _{LCh}	76, 25.620, 339.728
Yxy	50.3025, 0.3319, 0.2928
Android (android.graphics.Color)	4292980173 (0xFFE1ADCD)
YUV	192.1960, 6.3124, 28.7691
Hunter-Lab	70.9243, 19.3747, -4.2408

Details

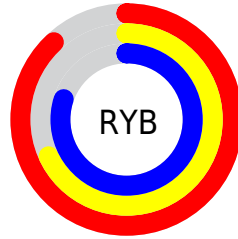
The XYZ color **57.0144, 50.3025, 64.4620** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.7865, 66.5864, 60.4728**, and the grayscale version is **50.1745, 52.7874, 57.4855**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **28.6646, 24.1023, 32.4196** is the 20% darker color. If you saturate the color by 10%, you get **52.0422, 41.9833, 57.7923**, and if you desaturate by 10%, it is **62.7739, 60.1023, 71.6804**.

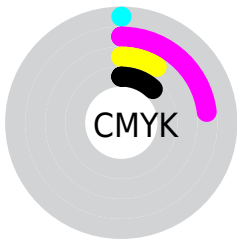
Distribution



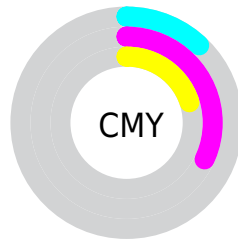
- Red (88%)
- Green (68%)
- Blue (80%)



- Red (88%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0144, 50.3025, 64.4620 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 57.0144, 50.3025, 64.4620 by changing the saturation by 10% instead.

57.0144, 50.3025,
64.4620

57.0144, 50.3025,
64.4620

403.5166,
387.8477, 459.1093

41.2570, 35.6538,
46.5764

99.6174, 90.6229,
112.8819

28.7085, 24.1669,
32.3490

127.1938,
117.0634, 144.2532

19.0036, 15.4575,
21.3612

159.4405,
148.2033, 180.9569

11.7769, 9.1411,
13.1944

196.7228,
184.4271, 223.4115

6.6631, 4.8333,
7.4303

239.4063,
226.1190, 272.0355

3.2967, 2.1498,
3.6501

287.8562,

1.3126, 0.6924,

273.6634, 327.2474

1.4354

342.4378,
327.4449, 389.4658

■ 0.1926, 0.0000,
0.1691

■ 0.0000, 0.0000,
0.0000

■ 57.0144, 50.3025,
64.4620

■ 57.0144, 50.3025,
64.4620

■ 52.0422, 41.9833,
57.7923

■ 62.7739, 60.1023,
71.6804

■ 47.8155, 35.0650,
51.6511

■ 69.3510, 71.4440,
79.4604

■ 44.2953, 29.4703,
46.0214

■ 76.7797, 84.3936,
87.8182

■ 41.4373, 25.1118,
40.8834

■ 82.4834, 93.7964,
95.8992

■ 39.1916, 21.8916,
36.2158

■ 83.7975, 94.3221,
102.8194

■ 37.5008, 19.6966,
31.9942

■ 84.8617, 94.7477,
108.4232

■ 36.2959, 18.3903,
28.1905

■ 35.6722, 17.8559,
25.7843

Harmonies

Analogous

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



53.9641, 50.3025, 77.7514



57.0144, 50.3025, 64.4620



57.5101, 50.3025, 50.4193

Triad

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



57.0144, 50.3025, 64.4620



46.2664, 50.3025, 32.6072



41.0500, 50.3025, 73.4881

Complementary

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



57.0144, 50.3025, 64.4620



53.7865, 66.5864, 60.4728

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.



39.2688, 50.3025, 59.3659



57.0144, 50.3025, 64.4620



42.1444, 50.3025, 36.8334

Square

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



57.0144, 50.3025, 64.4620



51.0849, 50.3025, 33.5062



39.6555, 50.3025, 46.1032



44.6801, 50.3025, 83.5381

Rectangle

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



57.0144, 50.3025, 64.4620



56.2934, 50.3025, 42.6669



39.6555, 50.3025, 46.1032



40.2266, 50.3025, 68.9714

Sweetspot

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



57.0159, 50.3047, 64.4631



88.5317, 88.7009, 101.3709



50.5116, 46.6547, 77.5780



18.8347, 18.7877, 21.5624



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.



57.0159, 50.3047, 64.4631



72.2368, 60.9507, 81.0191



54.1402, 49.1545, 49.3200



14.0599, 13.8416, 16.0857



20.6144, 10.3128, 15.1673



1.4722, 0.7322, 1.2796

Inverse Universe

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



57.0159, 50.3047, 64.4631



72.2368, 60.9507, 81.0191



56.9379, 67.8470, 77.0678



14.0599, 13.8416, 16.0857



20.6144, 10.3128, 15.1673



1.4722, 0.7322, 1.2796

Previews

White Background



This preview shows how the XYZ color 57.0144, 50.3025, 64.4620 looks on a white background.

Color Contrast Check

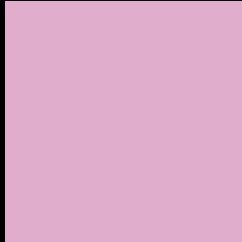
Large Text (above 18pt) WCAG AA × Fail

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 57.0144, 50.3025, 64.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

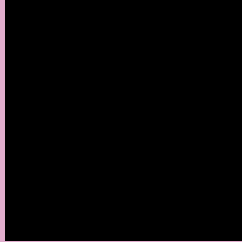
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0144, 50.3025, 64.4620

Background



This preview shows how black text looks on a background with the XYZ color 57.0144, 50.3025, 64.4620.



This preview shows how white text looks on a background with the XYZ color 57.0144, 50.3025,

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

57.0144, 50.3025, 64.4620

Protanopia

49.6751, 50.5860, 70.7643

Deuteranopia

51.5324, 50.4581, 63.5233



Tritanopia

55.1421, 50.4128, 54.9684

Trichromacy



Original Color

57.0144, 50.3025, 64.4620

Protanomaly

52.0390, 50.3012, 68.5944

Deuteranomaly

53.3137, 50.1551, 63.9977

Tritanomaly

55.9208, 50.4474, 58.4197

Monochromacy



Original Color

57.0144, 50.3025, 64.4620

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3288, 51.5665, 60.0186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0144, 50.3025, 64.4620 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, 173, 205)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 205)  
}
```

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, 173, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.0144, 50.3025, 64.4620 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, 173, 205) }
```


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

```
.border{ border-color:rgb(225, 173, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 173, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 205);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0144, 50.3025, 64.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 205) }
```

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

```
.background{ background-color: rgb(225,  
173, 205) }
```

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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