

Converting Colors

XYZ(57.8033, 54.7374, 64.4154)

Have a look what the booklet for
XYZ(57.8033, 54.7374, 64.4154)
contains.

XYZ(57.6714, 54.5375, 64.6139)	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(57.6714, 54.5375,
64.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBACC
RGB	219, 186, 204
RGB Percent	86%, 73%, 80%
CMY	0.1412, 0.2706, 0.2000
CMYK	0.00, 0.15, 0.07, 0.14
HSL	327°, 31%, 79%
HSV	327°, 15%, 86%
XYZ	57.6714, 54.5375, 64.6139
YIQ	197.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

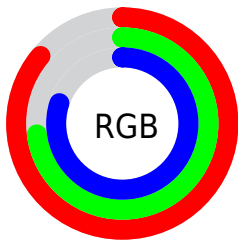
Format	Color
R_{YB}	219, 186, 204
Decimal	14400204
CIE _{Lab}	78.77, 14.79, -4.66
CIE _{LCh}	79, 15.505, 342.492
Yxy	54.5375, 0.3262, 0.3084
Android (android.graphics.Color)	4292590284 (0xFFDDBACC)
YUV	197.9190, 2.9979, 18.4880
Hunter-Lab	73.8495, 10.1596, -0.1805

Details

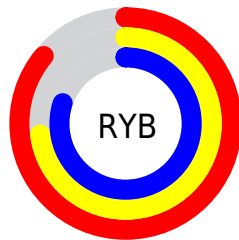
The XYZ color **57.6714, 54.5375, 64.6139** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.1260, 65.3207, 64.9114**, and the grayscale version is **53.6051, 56.3967, 61.4160**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.2024, 26.8696, 32.5014** is the 20% darker color. If you saturate the color by 10%, you get **52.2507, 45.5458, 57.1030**, and if you desaturate by 10%, it is **63.8786, 64.9786, 72.7649**.

Distribution



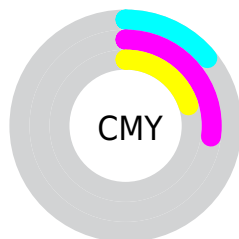
- Red (86%)
- Green (73%)
- Blue (80%)



- Red (86%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6714, 54.5375, 64.6139 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 57.6714, 54.5375, 64.6139 by changing the saturation by 10% instead.

■ 57.6714, 54.5375,
64.6139

■ 57.6714, 54.5375,
64.6139

405.9340,
404.1564, 459.6714

■ 41.7868, 39.0316,
46.6987

■ 100.5699, 96.8630,
113.1025

■ 29.1247, 26.7843,
32.4449

128.3145,
124.4513, 144.5131

■ 19.3200, 17.4113,
21.4339

160.7431,
156.8359, 181.2591

■ 12.0071, 10.5282,
13.2472

198.2211,
194.4011, 223.7593

■ 6.8207, 5.7505,
7.4663

241.1138,
237.5314, 272.4320

■ 3.3956, 2.6940,
3.6725

289.7867,

■ 1.3662, 0.9741,

286.6111, 327.6959

1.4475

344.6049,
342.0246, 389.9695

■ 0.2320, 0.0000,
0.1783

■ 0.0000, 0.0000,
0.0000

■ 57.6714, 54.5375,
64.6139

■ 57.6714, 54.5375,
64.6139

■ 52.2507, 45.5458,
57.1030

■ 63.8786, 64.9786,
72.7649

■ 47.5784, 37.9317,
50.2106

■ 70.8991, 76.9227,
81.5697

■ 43.6200, 31.6278,
43.9187

■ 78.7641, 90.4291,
91.0461

■ 40.3364, 26.5583,
38.2067

■ 81.2762, 93.1012,
99.1347

■ 37.6844, 22.6394,
33.0528

■ 82.8279, 93.7219,
107.3059

■ 35.6157, 19.7770,
28.4328

■ 83.0238, 93.8002,
108.3372

■ 34.0742, 17.8615,
24.3199

■ 32.9918, 16.7594,
20.6828

■ 32.5702, 16.4028,
19.0422

Harmonies

Analogous

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



55.9263, 54.5375, 72.7389



57.6714, 54.5375, 64.6139



57.8151, 54.5375, 55.8002

Triad

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



57.6714, 54.5375, 64.6139



50.5700, 54.5375, 44.3601



47.6047, 54.5375, 71.5480

Complementary

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



57.6714, 54.5375, 64.6139



56.1260, 65.3207, 64.9114

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.



46.2845, 54.5375, 63.1141



57.6714, 54.5375, 64.6139



47.9506, 54.5375, 47.7694

Square

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



57.6714, 54.5375, 64.6139



53.6322, 54.5375, 44.6760



46.4086, 54.5375, 54.4406



50.0808, 54.5375, 77.0057

Rectangle

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



57.6714, 54.5375, 64.6139



56.9758, 54.5375, 50.7565



46.4086, 54.5375, 54.4406



47.0155, 54.5375, 68.9333

Sweetspot

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



57.6730, 54.5399, 64.6151



90.1973, 91.7655, 102.7479



54.3943, 52.6317, 74.3107



19.1650, 19.4032, 21.8113



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.



57.6730, 54.5399, 64.6151



78.9355, 72.8582, 87.8455



55.8137, 53.7962, 54.8241



13.3516, 13.1697, 15.1129



19.3684, 9.7484, 11.5857



1.2980, 0.6489, 0.9785

Inverse Universe

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



57.6730, 54.5399, 64.6151



78.9355, 72.8582, 87.8455



58.1529, 66.1314, 75.5851



13.3516, 13.1697, 15.1129



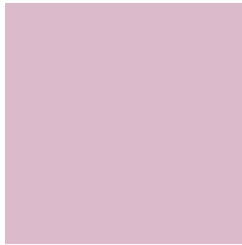
19.3684, 9.7484, 11.5857



1.2980, 0.6489, 0.9785

Previews

White Background



This preview shows how the XYZ color 57.6714, 54.5375, 64.6139 looks on a white background.

Color Contrast Check

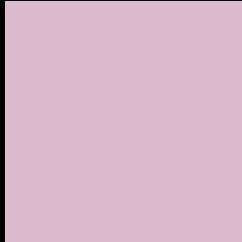
Large Text (above 18pt) WCAG AA × Fail

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 57.6714, 54.5375, 64.6139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

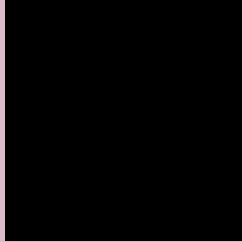
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6714, 54.5375, 64.6139

Background



This preview shows how black text looks on a background with the XYZ color 57.6714, 54.5375, 64.6139.



This preview shows how white text looks on a background with the XYZ color 57.6714, 54.5375,

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

57.6714, 54.5375, 64.6139

Protanopia

53.3061, 54.7891, 68.0874

Deuteranopia

55.5554, 54.4086, 64.0737



Tritanopia

57.3149, 54.3949, 62.7368

Trichromacy



Original Color

57.6714, 54.5375, 64.6139

Protanomaly

54.7951, 54.6040, 66.6831

Deuteranomaly

56.2033, 54.4244, 64.0426

Tritanomaly

57.4330, 54.4421, 63.3585

Monochromacy



Original Color

57.6714, 54.5375, 64.6139

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.1707, 55.8755, 62.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6714, 54.5375, 64.6139 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(219, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 204)  
}
```

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(219, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.6714, 54.5375, 64.6139 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(219, 186, 204) }
```


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

```
.border{ border-color:rgb(219, 186, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 186, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(219, 186,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6714, 54.5375, 64.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 204) }
```

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

```
.background{ background-color: rgb(219,  
186, 204) }
```

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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