

Converting Colors

XYZ(54.2624, 50.9124, 64.1525)

Have a look what the booklet for
XYZ(54.2624, 50.9124, 64.1525)
contains.

| | |
|--|----|
| XYZ(54.3717, 50.9992, 64.1049) | 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(54.3717, 50.9992,
64.1049)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D4B4CC |
| RGB | 212, 180, 204 |
| RGB Percent | 83%, 71%, 80% |
| CMY | 0.1686, 0.2941, 0.2000 |
| CMYK | 0.00, 0.15, 0.04, 0.17 |
| HSL | 315°, 27%, 77% |
| HSV | 315°, 15%, 83% |
| XYZ | 54.3717, 50.9992, 64.1049 |
| YIQ | 192.3040, 11.3680, 14.2480 |

Conversions

Conversions Part 2

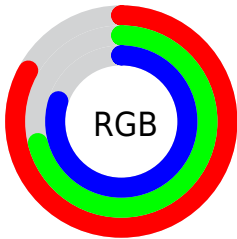
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 212, 180, 204 |
| Decimal | 13939916 |
| CIE Lab | 76.68, 15.59, -7.84 |
| CIE LCh | 77, 17.446, 333.313 |
| Yxy | 50.9992, 0.3208, 0.3009 |
| Android (android.graphics.Color) | 4292129996 (0xFFD4B4CC) |
| YUV | 192.3040, 5.7661, 17.2734 |
| Hunter-Lab | 71.4137, 10.9291, -3.2324 |

Details

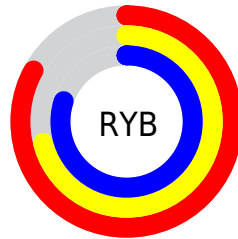
The XYZ color **54.3717, 50.9992, 64.1049** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4449, 60.4225, 56.5310**, and the grayscale version is **50.2445, 52.8611, 57.5657**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **26.9990, 24.5489, 32.1696** is the 20% darker color. If you saturate the color by 10%, you get **49.7904, 42.8361, 59.4947**, and if you desaturate by 10%, it is **59.6322, 60.4846, 69.0494**.

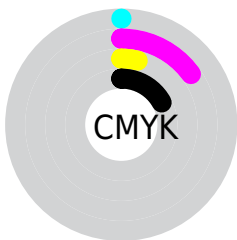
Distribution



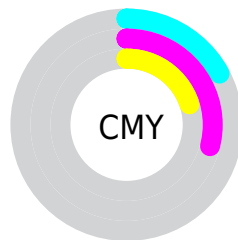
- Red (83%)
- Green (71%)
- Blue (80%)



- Red (83%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3717, 50.9992, 64.1049 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 54.3717, 50.9992, 64.1049 by changing the saturation by 10% instead.

■ 54.3717, 50.9992,
64.1049

■ 54.3717, 50.9992,
64.1049

393.7011,
390.5607, 457.7862

■ 39.1308, 36.2080,
46.2889

■ 95.7735, 91.6536,
112.3629

■ 27.0426, 24.5949,
32.1236

122.6650,
118.2855, 143.6420

■ 17.7420, 15.7755,
21.1903

154.1709,
149.6332, 180.2459

■ 10.8635, 9.3654,
13.0706

190.6563,
186.0809, 222.5932

■ 6.0417, 4.9803,
7.3459

232.4866,
228.0131, 271.1023

■ 2.9114, 2.2357,
3.5976

280.0273,

■ 1.1071, 0.7394,

275.8143, 326.1918

1.4073

333.6437,
329.8686, 388.2802

■ 0.0310, 0.0000,
0.1474

■ 0.0000, 0.0000,
0.0000

■ 54.3717, 50.9992,
64.1049

■ 54.3717, 50.9992,
64.1049

■ 49.7904, 42.8361,
59.4947

■ 59.6322, 60.4846,
69.0494

■ 45.8539, 35.9291,
55.2046

■ 65.5954, 71.3412,
74.3354

■ 42.5317, 30.2166,
51.2239

■ 72.2892, 83.6235,
79.9737

■ 39.7887, 25.6291,
47.5399

■ 76.5301, 90.9646,
84.9042

37.5864, 22.0896,
44.1385

77.2656, 91.2588,
88.7770

35.8813, 19.5118,
41.0043

78.0237, 91.5620,
92.7692

34.6231, 17.7953,
38.1193

78.8046, 91.8744,
96.8817

33.7504, 16.8174,
35.4619

79.6086, 92.1960,
101.1156

33.4093, 16.5002,
34.2227

80.4359, 92.5269,
105.4719

Harmonies

Analogous

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



52.0455, 50.9992, 72.1577



54.3717, 50.9992, 64.1049



55.0937, 50.9992, 54.4848

Triad

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



54.3717, 50.9992, 64.1049



48.1071, 50.9992, 39.2791



43.3574, 50.9992, 66.1296

Complementary

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



54.3717, 50.9992, 64.1049



51.4449, 60.4225, 56.5310

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.



42.4055, 50.9992, 56.5873



54.3717, 50.9992, 64.1049



45.0683, 50.9992, 41.6748

Square

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



54.3717, 50.9992, 64.1049



51.3817, 50.9992, 40.8126



43.0175, 50.9992, 47.7551



45.6766, 50.9992, 73.4167

Rectangle

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



54.3717, 50.9992, 64.1049



54.5424, 50.9992, 48.6379



43.0175, 50.9992, 47.7551



42.8718, 50.9992, 63.0430

Sweetspot

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



54.3732, 51.0014, 64.1060



90.6075, 91.9296, 104.9081



48.9461, 48.0899, 68.9906



19.2648, 19.4431, 22.3369



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.



54.3732, 51.0014, 64.1060



80.3219, 73.4128, 95.1460



52.5515, 50.2728, 54.5131



12.8142, 12.5772, 14.9617



20.6670, 10.2031, 21.3481



1.2787, 0.6283, 1.4571

Inverse Universe

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



54.3732, 51.0014, 64.1060



80.3219, 73.4128, 95.1460



53.2666, 61.1512, 66.1239



12.8142, 12.5772, 14.9617



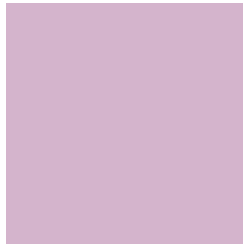
20.6670, 10.2031, 21.3481



1.2787, 0.6283, 1.4571

Previews

White Background



This preview shows how the XYZ color 54.3717, 50.9992, 64.1049 looks on a white background.

Color Contrast Check

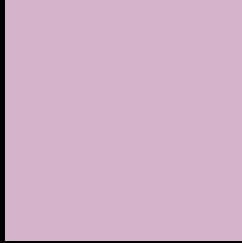
Large Text (above 18pt) WCAG AA × Fail

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 54.3717, 50.9992, 64.1049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

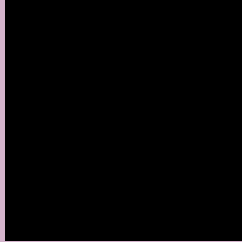
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3717, 50.9992, 64.1049

Background



This preview shows how black text looks on a background with the XYZ color 54.3717, 50.9992, 64.1049.



This preview shows how white text looks on a background with the XYZ color 54.3717, 50.9992,

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

54.3717, 50.9992, 64.1049

Protanopia

49.9854, 51.1347, 67.5571

Deuteranopia

52.0074, 51.0103, 63.6048



Tritanopia

53.3516, 50.8822, 59.2339

Trichromacy



Original Color

54.3717, 50.9992, 64.1049

Protanomaly

51.3764, 50.9387, 66.1558

Deuteranomaly

52.8898, 51.1579, 63.5868

Tritanomaly

53.6966, 51.0202, 61.0506

Monochromacy



Original Color

54.3717, 50.9992, 64.1049

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.5002, 52.0941, 59.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3717, 50.9992, 64.1049 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(212, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 180, 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(212, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 180, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.3717, 50.9992, 64.1049 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(212, 180, 204) }
```


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

```
.border{ border-color:rgb(212, 180, 204) }
```

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

Here you see how a box with a 4 pixel rgb(212, 180, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 180,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3717, 50.9992, 64.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 180, 204) }
```

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

```
.background{ background-color: rgb(212,  
180, 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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