

Converting Colors

XYZ(50.5972, 45.1938, 54.3046)

Have a look what the booklet for
XYZ(50.5972, 45.1938, 54.3046)
contains.

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Color

**XYZ(50.5531, 45.2427,
54.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A6BD
RGB	214, 166, 189
RGB Percent	84%, 65%, 74%
CMY	0.1608, 0.3490, 0.2588
CMYK	0.00, 0.22, 0.12, 0.16
HSL	331°, 37%, 75%
HSV	331°, 22%, 84%
XYZ	50.5531, 45.2427, 54.2124
YIQ	182.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

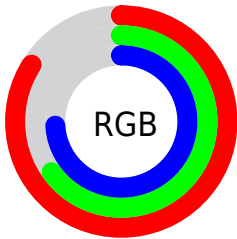
Format	Color
R_{YB}	214, 166, 189
Decimal	14067389
CIE _{Lab}	73.05, 21.27, -4.98
CIE _{LCh}	73, 21.843, 346.821
Yxy	45.2427, 0.3370, 0.3016
Android (android.graphics.Color)	4292257469 (0xFFD6A6BD)
YUV	182.9740, 2.9708, 27.2098
Hunter-Lab	67.2627, 16.4468, -0.7027

Details

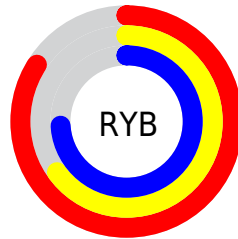
The XYZ color **50.5531, 45.2427, 54.2124** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1783, 59.9630, 58.2751**, and the grayscale version is **44.9727, 47.3147, 51.5258**.

A 20% lighter version of the original color is **83.5779, 79.5655, 97.3388**, and **24.7593, 21.1831, 26.0763** is the 20% darker color. If you saturate the color by 10%, you get **45.8182, 37.6351, 46.8923**, and if you desaturate by 10%, it is **56.0309, 54.1861, 62.2401**.

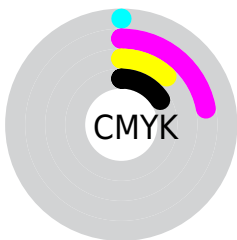
Distribution



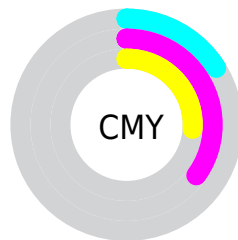
- Red (84%)
- Green (65%)
- Blue (74%)



- Red (84%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5531, 45.2427, 54.2124 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 50.5531, 45.2427, 54.2124 by changing the saturation by 10% instead.


 50.5531, 45.2427,
54.2124


 50.5531, 45.2427,
54.2124


379.2413,
367.7556, 420.1169

 36.0727, 31.6486,
38.3772


 90.1808, 83.0845,
97.8456

 24.6607, 21.0933,
25.9714


 116.0587,
108.1010, 126.4806

 15.9518, 13.1922,
16.5767

146.4665,
137.6938, 160.2193

 9.5807, 7.5610,
9.7744

181.7696,
172.2472, 199.4802

 5.1820, 3.8154,
5.1460

222.3332,
212.1458, 244.6819

 2.3903, 1.5708,
2.2729

268.5228,

 0.8403, 0.3378,

257.7737, 296.2429

0.7160

320.7037,
309.5155, 354.5817

■ 0.0000, 0.0000,
0.0000

■ 50.5531, 45.2427,
54.2124

■ 50.5531, 45.2427,
54.2124

■ 45.8182, 37.6351,
46.8923

■ 56.0309, 54.1861,
62.2401

■ 41.7883, 31.2923,
40.2552

■ 62.2794, 64.5196,
70.9929

■ 38.4277, 26.1461,
34.2792

■ 69.3299, 76.3019,
80.4915

■ 35.6960, 22.1194,
28.9399

■ 77.2106, 89.5864,
90.7545

■ 33.5482, 19.1255,
24.2107

■ 79.9328, 92.3927,
99.7949

■ 31.9327, 17.0655,
20.0625

■ 81.5418, 93.0363,
108.2678

■ 30.7880, 15.8201,
16.4622

■ 30.1567, 15.2662,
14.0667

Harmonies

Analogous

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



48.5804, 45.2427, 65.0946



50.5531, 45.2427, 54.2124



50.4187, 45.2427, 43.4245

Triad

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



50.5531, 45.2427, 54.2124



40.9122, 45.2427, 31.7526



38.1714, 45.2427, 66.2388

Complementary

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



50.5531, 45.2427, 54.2124



49.1783, 59.9630, 58.2751

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.



36.3505, 45.2427, 55.5997



50.5531, 45.2427, 54.2124



37.8675, 45.2427, 36.2298

Square

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



50.5531, 45.2427, 54.2124



44.6974, 45.2427, 31.4952



36.2427, 45.2427, 44.6218



41.3497, 45.2427, 72.6993

Rectangle

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



50.5531, 45.2427, 54.2124



49.1504, 45.2427, 37.7050



36.2427, 45.2427, 44.6218



37.3887, 45.2427, 62.9670

Sweetspot

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



50.5544, 45.2447, 54.2133



88.1565, 88.5508, 99.3951



47.2112, 43.1802, 69.4653



18.7478, 18.7529, 21.1047



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.



50.5544, 45.2447, 54.2133



71.6349, 61.5628, 75.2202



48.3983, 44.6157, 42.1396



12.6686, 12.5189, 14.1950



18.2795, 9.2481, 8.7761



1.1442, 0.5745, 0.7489

Inverse Universe

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



50.5544, 45.2447, 54.2133



71.6349, 61.5628, 75.2202



51.7095, 60.6523, 72.6007



12.6686, 12.5189, 14.1950



18.2795, 9.2481, 8.7761



1.1442, 0.5745, 0.7489

Previews

White Background



This preview shows how the XYZ color 50.5531, 45.2427, 54.2124 looks on a white background.

Color Contrast Check

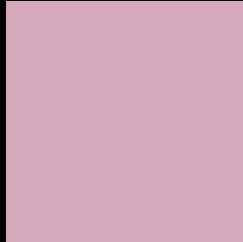
Large Text (above 18pt) WCAG AA × Fail

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 50.5531, 45.2427, 54.2124 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 50.5531, 45.2427, 54.2124

Background



This preview shows how black text looks on a background with the XYZ color 50.5531, 45.2427, 54.2124.



This preview shows how white text looks on a background with the XYZ color 50.5531, 45.2427,

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

50.5531, 45.2427, 54.2124

Protanopia

44.3585, 45.3370, 59.2363

Deuteranopia

46.0980, 45.1974, 53.3081



Tritanopia

49.4975, 45.0789, 49.2723

Trichromacy



Original Color

50.5531, 45.2427, 54.2124

Protanomaly

46.3595, 45.2435, 57.3284

Deuteranomaly

47.7274, 45.1742, 53.7809

Tritanomaly

49.8065, 45.2025, 50.8996

Monochromacy



Original Color

50.5531, 45.2427, 54.2124

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.7272, 46.4164, 52.3954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5531, 45.2427, 54.2124 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(214, 166, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 166, 189)  
}
```

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(214, 166, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 166, 189) }
```

Border

The CSS property to change the border of an element to XYZ 50.5531, 45.2427, 54.2124 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(214, 166, 189) }
```


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

```
.border{ border-color:rgb(214, 166, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 166, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 166, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 166, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 166,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5531, 45.2427, 54.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 166, 189) }
```

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

```
.background{ background-color: rgb(214,  
166, 189) }
```

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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