

Converting Colors

XYZ(53.1929, 45.7527, 56.5117)

Have a look what the booklet for
XYZ(53.1929, 45.7527, 56.5117)
contains.

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Color

**XYZ(53.1543, 45.7326,
56.4778)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA3C1
RGB	223, 163, 193
RGB Percent	87%, 64%, 76%
CMY	0.1255, 0.3608, 0.2431
CMYK	0.00, 0.27, 0.13, 0.13
HSL	330°, 48%, 76%
HSV	330°, 27%, 87%
XYZ	53.1543, 45.7326, 56.4778
YIQ	184.3600, 26.1300, 22.0500

Conversions

Conversions Part 2

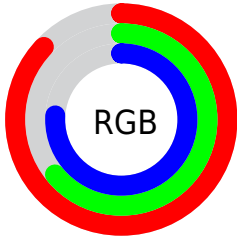
Format	Color
R _Y B	223, 163, 193
Decimal	14656449
CIE Lab	73.37, 26.72, -6.61
CIE LCh	73, 27.524, 346.113
Yxy	45.7326, 0.3421, 0.2944
Android (android.graphics.Color)	4292846529 (0xFFDFA3C1)
YUV	184.3600, 4.2595, 33.8873
Hunter-Lab	67.6259, 21.9566, -2.1780

Details

The XYZ color **53.1543, 45.7326, 56.4778** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.1195, 64.4135, 60.1939**, and the grayscale version is **45.7271, 48.1085, 52.3902**.

A 20% lighter version of the original color is **83.4103, 78.2424, 100.3286**, and **26.3544, 21.4778, 27.5675** is the 20% darker color. If you saturate the color by 10%, you get **48.3412, 38.0222, 48.9660**, and if you desaturate by 10%, it is **58.7620, 54.8809, 64.7183**.

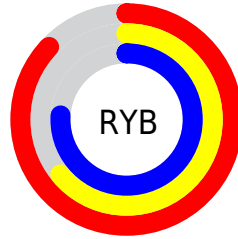
Distribution



Red (87%)

Green (64%)

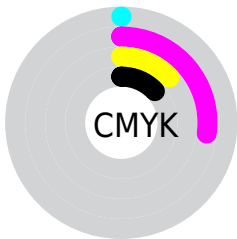
Blue (76%)



Red (87%)

Yellow (64%)

Blue (76%)

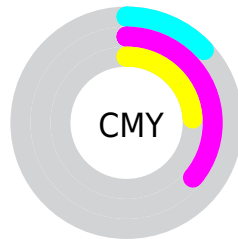


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (13%)



Cyan (13%)

Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1543, 45.7326, 56.4778 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 53.1543, 45.7326, 56.4778 by changing the saturation by 10% instead.


 53.1543, 45.7326,
56.4778


 53.1543, 45.7326,
56.4778


389.1280,
369.7326, 428.9285

 38.1539, 32.0349,
40.1796

 93.9956, 83.8187,
101.1956

 26.2799, 21.3881,
27.3637


 120.5672,
108.9758, 130.4522

 17.1670, 13.4080,
17.6117


151.7266,
138.7215, 164.8654

 10.4496, 7.7101,
10.5050

187.8392,
173.4402, 204.8537

 5.7626, 3.9100,
5.6251

229.2702,
213.5162, 250.8356

 2.7406, 1.6234,
2.5534

276.3851,

 1.0181, 0.3733,

259.3340, 303.2296

0.8683

329.5493,
311.2780, 362.4544

■ 0.0000, 0.0000,
0.0000

■ 53.1543, 45.7326,
56.4778

■ 53.1543, 45.7326,
56.4778

■ 48.3412, 38.0222,
48.9660

■ 58.7620, 54.8809,
64.7183

■ 44.2800, 31.6694,
42.1570

■ 65.1962, 65.5296,
73.7064

■ 40.9299, 26.5953,
36.0272

■ 72.4921, 77.7451,
83.4638

■ 38.2444, 22.7104,
30.5501

■ 80.6813, 91.5880,
94.0104

■ 36.1708, 19.9134,
25.6971

■ 83.2525, 94.0324,
103.1847

■ 34.6482, 18.0858,
21.4359

■ 84.2418, 94.4281,
108.3942

■ 33.5981, 17.0746,
17.7280

■ 33.3282, 16.8467,
16.6767

Harmonies

Analogous

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



50.5343, 45.7326, 70.6785



53.1543, 45.7326, 56.4778



53.0472, 45.7326, 42.7503

Triad

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



53.1543, 45.7326, 56.4778



40.9325, 45.7326, 28.3069



37.3230, 45.7326, 71.6085

Complementary

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



53.1543, 45.7326, 56.4778



51.1195, 64.4135, 60.1939

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.



35.1166, 45.7326, 57.5740



53.1543, 45.7326, 56.4778



37.0923, 45.7326, 33.4928

Square

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



53.1543, 45.7326, 56.4778



45.7422, 45.7326, 28.1232



35.0354, 45.7326, 43.6614



41.2694, 45.7326, 80.4506

Rectangle

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



53.1543, 45.7326, 56.4778



51.4373, 45.7326, 35.6656



35.0354, 45.7326, 43.6614



36.3666, 45.7326, 67.2359

Sweetspot

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



53.1556, 45.7347, 56.4787



87.2847, 87.0282, 98.4234



48.4107, 42.8619, 75.5344



18.3882, 18.1386, 20.6612



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.



53.1556, 45.7347, 56.4787



68.4232, 56.1659, 70.9852



50.1412, 44.5289, 40.6050



13.9916, 13.8143, 15.7260



19.6534, 9.9283, 10.1063



1.4075, 0.7063, 0.9385

Inverse Universe

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



53.1556, 45.7347, 56.4787



68.4232, 56.1659, 70.9852



54.8127, 65.8908, 79.6420



13.9916, 13.8143, 15.7260



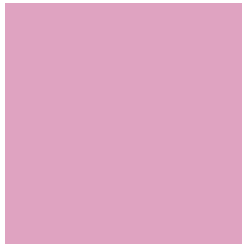
19.6534, 9.9283, 10.1063



1.4075, 0.7063, 0.9385

Previews

White Background



This preview shows how the XYZ color 53.1543, 45.7326, 56.4778 looks on a white background.

Color Contrast Check

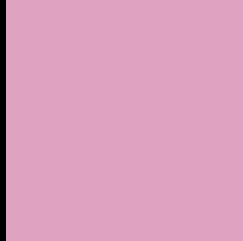
Large Text (above 18pt) WCAG AA × Fail

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 53.1543, 45.7326, 56.4778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

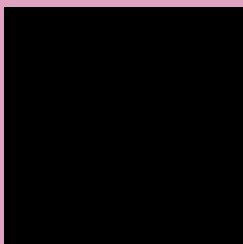
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1543, 45.7326, 56.4778

Background



This preview shows how black text looks on a background with the XYZ color 53.1543, 45.7326, 56.4778.



This preview shows how white text looks on a background with the XYZ color 53.1543, 45.7326,

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

53.1543, 45.7326, 56.4778

Protanopia

45.0311, 45.8991, 62.9859

Deuteranopia

46.7263, 45.7590, 55.6598



Tritanopia

51.4909, 45.8589, 48.2573

Trichromacy



Original Color

53.1543, 45.7326, 56.4778

Protanomaly

47.5005, 45.4800, 60.3078

Deuteranomaly

48.9792, 45.7690, 56.1220

Tritanomaly

52.1266, 45.8588, 50.9040

Monochromacy



Original Color

53.1543, 45.7326, 56.4778

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7837, 46.6443, 53.4985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1543, 45.7326, 56.4778 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(223, 163, 193)` looks like.

```
.text, #text, p{  
    color:rgb(223, 163, 193)  
}
```

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(223, 163, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 163, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.1543, 45.7326, 56.4778 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(223, 163, 193) }
```


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

```
.border{ border-color:rgb(223, 163, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 163, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 163, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 163, 193);  
box-shadow:4px 4px 4px 4px rgb(223, 163,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1543, 45.7326, 56.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 163, 193) }
```

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

```
.background{ background-color: rgb(223,  
163, 193) }
```

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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