

Converting Colors

XYZ(53.5696, 45.9196, 63.5480)

Have a look what the booklet for
XYZ(53.5696, 45.9196, 63.5480)
contains.

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Color

**XYZ(53.6318, 45.8178,
63.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA3CD
RGB	220, 163, 205
RGB Percent	86%, 64%, 80%
CMY	0.1373, 0.3608, 0.1961
CMYK	0.00, 0.26, 0.07, 0.14
HSL	316°, 45%, 75%
HSV	316°, 26%, 86%
XYZ	53.6318, 45.8178, 63.7746
YIQ	184.8310, 20.4900, 25.1460

Conversions

Conversions Part 2

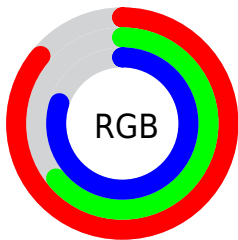
Format	Color
R _Y B	220, 163, 205
Decimal	14459853
CIE Lab	73.43, 27.71, -13.15
CIE LCh	73, 30.673, 334.609
Yxy	45.8178, 0.3286, 0.2807
Android (android.graphics.Color)	4292649933 (0xFFDCA3CD)
YUV	184.8310, 9.9433, 30.8432
Hunter-Lab	67.6888, 22.9751, -8.4792

Details

The XYZ color **53.6318, 45.8178, 63.7746** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7352, 62.1886, 51.5572**, and the grayscale version is **45.9599, 48.3534, 52.6568**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **26.5802, 21.4958, 32.0263** is the 20% darker color. If you saturate the color by 10%, you get **49.3745, 38.4004, 58.9711**, and if you desaturate by 10%, it is **58.5972, 54.6086, 68.9428**.

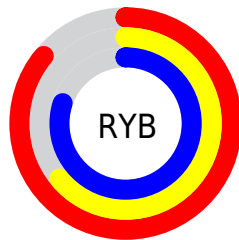
Distribution



Red (86%)

Green (64%)

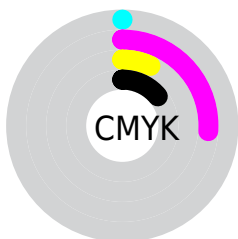
Blue (80%)



Red (86%)

Yellow (64%)

Blue (80%)

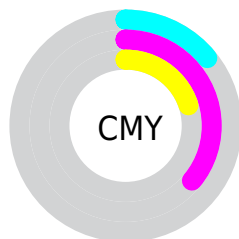


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (14%)



Cyan (14%)


Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6318, 45.8178, 63.7746 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 53.6318, 45.8178, 63.7746 by changing the saturation by 10% instead.

 53.6318, 45.8178,
63.7746


 53.6318, 45.8178,
63.7746


390.9257,
370.0757, 456.5603

 38.5369, 32.1021,
46.0231


 94.6935, 83.9463,
111.8826

 26.5787, 21.4395,
31.9153


 121.3909,
109.1278, 143.0762

 17.3920, 13.4456,
21.0325


152.6866,
138.9000, 179.5876

 10.6114, 7.7361,
12.9563

188.9458,
173.6473, 221.8353

 5.8716, 3.9266,
7.2681

230.5340,
213.7542, 270.2379

 2.8070, 1.6326,
3.5493

277.8165,

 1.0526, 0.3794,

259.6049, 325.2139

1.3815

331.1586,
311.5839, 387.1819

■ 0.0000, 0.0000,
0.1272

■ 0.0000, 0.0000,
0.0000

■ 53.6318, 45.8178,
63.7746

■ 53.6318, 45.8178,
63.7746

■ 49.3745, 38.4004,
58.9711

■ 58.5972, 54.6086,
68.9428

■ 45.7856, 32.2797,
54.5162

■ 64.2995, 64.8320,
74.4850

■ 42.8280, 27.3810,
50.3966

■ 70.7709, 76.5513,
80.4139

■ 40.4590, 23.6194,
46.5966

■ 78.0403, 89.8240,
86.7404

■ 38.6304, 20.8991,
43.0988

■ 80.1197, 92.6735,
91.4697

■ 37.2861, 19.1082,
39.8831

■ 80.9651, 93.0117,
95.9219

■ 36.3567, 18.1087,
36.9247

■ 81.8381, 93.3608,
100.5185

■ 36.0461, 17.8281,
35.7712

■ 82.7386, 93.7211,
105.2610

■ 83.3255, 93.9558,
108.3513

Harmonies

Analogous

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



49.7242, 45.8178, 78.6246



53.6318, 45.8178, 63.7746



54.7547, 45.8178, 47.5332

Triad

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



53.6318, 45.8178, 63.7746



42.7183, 45.8178, 25.7061



35.5401, 45.8178, 68.7815

Complementary

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



53.6318, 45.8178, 63.7746



48.7352, 62.1886, 51.5572

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.



33.9861, 45.8178, 52.3189



53.6318, 45.8178, 63.7746



37.9065, 45.8178, 29.1759

Square

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



53.6318, 45.8178, 63.7746



48.1601, 45.8178, 27.5344



34.8155, 45.8178, 38.1791



39.2410, 45.8178, 81.9096

Rectangle

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



53.6318, 45.8178, 63.7746



53.7007, 45.8178, 38.4879



34.8155, 45.8178, 38.1791



34.7639, 45.8178, 63.3420

Sweetspot

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



53.6332, 45.8198, 63.7756



88.0315, 87.3269, 102.3556



44.2059, 40.7406, 73.2446



18.5766, 18.2139, 21.6533



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.



53.6332, 45.8198, 63.7756



71.6350, 58.2428, 85.4559



50.5748, 44.5965, 47.6703



13.4604, 13.2133, 15.6860



21.2030, 10.4822, 21.2468



1.4084, 0.6930, 1.5593

Inverse Universe

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



53.6332, 45.8198, 63.7756



71.6350, 58.2428, 85.4559



51.8092, 63.4182, 67.7450



13.4604, 13.2133, 15.6860



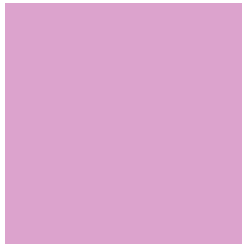
21.2030, 10.4822, 21.2468



1.4084, 0.6930, 1.5593

Previews

White Background



This preview shows how the XYZ color 53.6318, 45.8178, 63.7746 looks on a white background.

Color Contrast Check

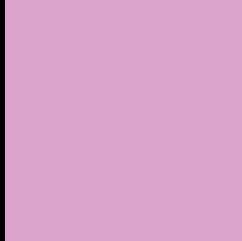
Large Text (above 18pt) WCAG AA × Fail

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 53.6318, 45.8178, 63.7746 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 53.6318, 45.8178, 63.7746

Background



This preview shows how black text looks on a background with the XYZ color 53.6318, 45.8178, 63.7746.



This preview shows how white text looks on a background with the XYZ color 53.6318, 45.8178,

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

53.6318, 45.8178, 63.7746

Protanopia

45.7483, 46.0823, 71.4493

Deuteranopia

47.0439, 46.0538, 62.9097



Tritanopia

50.6722, 45.6844, 49.3273

Trichromacy



Original Color

53.6318, 45.8178, 63.7746

Protanomaly

48.0624, 45.5878, 68.5535

Deuteranomaly

49.2814, 45.7648, 63.3628

Tritanomaly

51.7350, 45.8520, 54.2677

Monochromacy



Original Color

53.6318, 45.8178, 63.7746

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5253, 47.2558, 56.4329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6318, 45.8178, 63.7746 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(220, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(220, 163, 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(220, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 163, 205) }
```

Border

The CSS property to change the border of an element to XYZ 53.6318, 45.8178, 63.7746 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(220, 163, 205) }
```


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

```
.border{ border-color:rgb(220, 163, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 163, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 163, 205);  
box-shadow:4px 4px 4px 4px rgb(220, 163,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6318, 45.8178, 63.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 163, 205) }
```

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

```
.background{ background-color: rgb(220,  
163, 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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