

Converting Colors

XYZ(53.1157, 44.5558, 68.6853)

Have a look what the booklet for
XYZ(53.1157, 44.5558, 68.6853)
contains.

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Color

**XYZ(53.1963, 44.6974,
68.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A0D5
RGB	217, 160, 213
RGB Percent	85%, 63%, 84%
CMY	0.1490, 0.3725, 0.1647
CMYK	0.00, 0.26, 0.02, 0.15
HSL	304°, 43%, 74%
HSV	304°, 26%, 85%
XYZ	53.1963, 44.6974, 68.7745
YIQ	183.0850, 16.9590, 28.5670

Conversions

Conversions Part 2

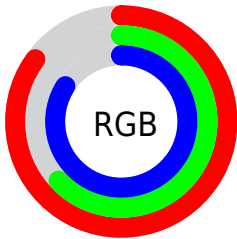
Format	Color
R _{YB}	217, 160, 213
Decimal	14262485
CIE Lab	72.69, 29.76, -18.68
CIE LCh	73, 35.136, 327.877
Yxy	44.6974, 0.3192, 0.2682
Android (android.graphics.Color)	4292452565 (0xFFD9A0D5)
YUV	183.0850, 14.7481, 29.7435
Hunter-Lab	66.8561, 25.0313, -14.1920

Details

The XYZ color **53.1963, 44.6974, 68.7745** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.0127, 59.7810, 44.2382**, and the grayscale version is **44.9727, 47.3147, 51.5257**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **26.2321, 20.7708, 34.9743** is the 20% darker color. If you saturate the color by 10%, you get **49.5658, 37.7436, 66.6155**, and if you desaturate by 10%, it is **57.4879, 52.9690, 71.1639**.

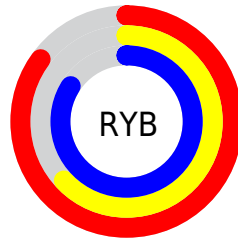
Distribution



Red (85%)

Green (63%)

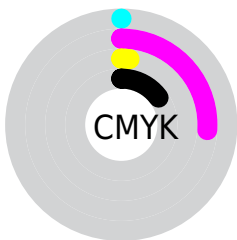
Blue (84%)



Red (85%)

Yellow (63%)

Blue (84%)

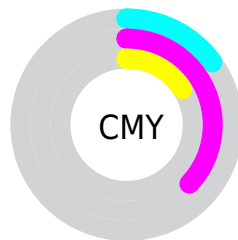


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (15%)



Cyan (15%)


Magenta (37%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1963, 44.6974, 68.7745 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 53.1963, 44.6974, 68.7745 by changing the saturation by 10% instead.


 53.1963, 44.6974,
68.7745


 53.1963, 44.6974,
68.7745


389.2863,
365.5466, 474.9076

 38.1876, 31.2191,
50.0575


 94.0570, 82.2661,
119.1241

 26.3062, 20.7658,
35.0876

 120.6397,
107.1254, 151.5938

 17.1867, 12.9529,
23.4462

151.8111,
136.5472, 189.4847

 10.4638, 7.3961,
14.7150

187.9366,
170.9158, 233.2155

 5.7722, 3.7110,
8.4752

229.3815,
210.6156, 283.2046

 2.7464, 1.5133,
4.3084

276.5112,

 1.0211, 0.2980,

256.0311, 339.8706

1.7960

329.6910,
307.5467, 403.6321

■ 0.0000, 0.0000,
0.4253

■ 0.0000, 0.0000,
0.0000

■ 53.1963, 44.6974,
68.7745

■ 53.1963, 44.6974,
68.7745

■ 49.5658, 37.7436,
66.6155

■ 57.4879, 52.9690,
71.1639

■ 46.5582, 32.0334,
64.6725

■ 62.4682, 62.6157,
73.7913

■ 44.1377, 27.4945,
62.9341

■ 68.1680, 73.6988,
76.6675

■ 42.2630, 24.0444,
61.3866

■ 74.6154, 86.2739,
79.8020

40.8877, 21.5903,
60.0144

77.3757, 91.4719,
81.7165

39.9576, 20.0236,
58.7994

77.5792, 91.5533,
82.7878

39.4046, 19.2082,
57.7189

77.7844, 91.6354,
83.8688

39.2492, 19.0053,
57.3347

77.9916, 91.7183,
84.9596

78.2006, 91.8019,
86.0601

Harmonies

Analogous

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



48.1994, 44.6974, 84.7530



53.1963, 44.6974, 68.7745



55.2973, 44.6974, 49.9212

Triad

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



53.1963, 44.6974, 68.7745



42.9189, 44.6974, 22.2520



32.9475, 44.6974, 66.0995

Complementary

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



53.1963, 44.6974, 68.7745



46.0127, 59.7810, 44.2382

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.



31.8200, 44.6974, 47.4357



53.1963, 44.6974, 68.7745



37.2384, 44.6974, 24.6288

Square

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



53.1963, 44.6974, 68.7745



49.0216, 44.6974, 25.4264



33.3152, 44.6974, 32.9202



36.5543, 44.6974, 82.9669

Rectangle

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



53.1963, 44.6974, 68.7745



54.6353, 44.6974, 39.0789



33.3152, 44.6974, 32.9202



32.2820, 44.6974, 59.7096

Sweetspot

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



53.1977, 44.6994, 68.7755



88.6542, 87.5760, 105.6351



40.3658, 38.0249, 70.8586



18.7344, 18.2771, 22.4844



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.



53.1977, 44.6994, 68.7755



73.4019, 58.1574, 97.2026



49.9130, 43.3855, 51.4784



13.5729, 13.2582, 16.2780



23.7755, 11.5112, 34.7933



1.5524, 0.7506, 2.3178

Inverse Universe

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



53.1977, 44.6994, 68.7755



73.4019, 58.1574, 97.2026



48.8594, 60.9197, 59.2288



13.5729, 13.2582, 16.2780



23.7755, 11.5112, 34.7933



1.5524, 0.7506, 2.3178

Previews

White Background



This preview shows how the XYZ color 53.1963, 44.6974, 68.7745 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 53.1963, 44.6974, 68.7745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

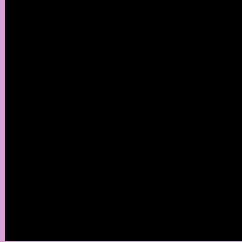
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1963, 44.6974, 68.7745

Background



This preview shows how black text looks on a background with the XYZ color 53.1963, 44.6974, 68.7745.



This preview shows how white text looks on a background with the XYZ color 53.1963, 44.6974,

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

53.1963, 44.6974, 68.7745

Protanopia

45.2491, 45.0960, 77.5537

Deuteranopia

45.8250, 44.7490, 67.1950



Tritanopia

48.9243, 44.5242, 48.6633

Trichromacy



Original Color

53.1963, 44.6974, 68.7745

Protanomaly

47.6216, 44.6606, 74.5170

Deuteranomaly

48.1940, 44.5484, 67.6866

Tritanomaly

50.4110, 44.6086, 55.2436

Monochromacy



Original Color

53.1963, 44.6974, 68.7745

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.5733, 46.1571, 57.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1963, 44.6974, 68.7745 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(217, 160, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 160, 213)  
}
```

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(217, 160, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 160, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.1963, 44.6974, 68.7745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

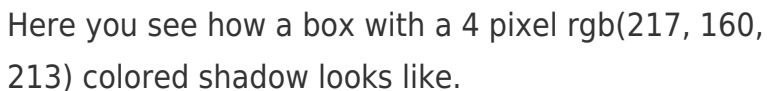
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 160, 213) }
```


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

```
.border{ border-color:rgb(217, 160, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 160, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 160, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 160, 213); box-shadow:4px 4px 4px 4px rgb(217, 160, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1963, 44.6974, 68.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 160, 213) }
```

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

```
.background{ background-color: rgb(217,  
160, 213) }
```

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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