

Converting Colors

XYZ(53.0198, 47.2842, 67.2555)

Have a look what the booklet for
XYZ(53.0198, 47.2842, 67.2555)
contains.

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Color

**XYZ(53.1590, 47.3996,
67.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AAD2
RGB	212, 170, 210
RGB Percent	83%, 67%, 82%
CMY	0.1686, 0.3333, 0.1765
CMYK	0.00, 0.20, 0.01, 0.17
HSL	303°, 33%, 75%
HSV	303°, 20%, 83%
XYZ	53.1590, 47.3996, 67.3200
YIQ	187.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

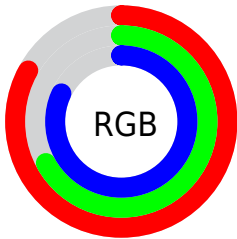
Format	Color
R _Y B	212, 170, 210
Decimal	13937362
CIE Lab	74.44, 22.11, -14.44
CIE LCh	74, 26.407, 326.842
Yxy	47.3996, 0.3167, 0.2823
Android (android.graphics.Color)	4292127442 (0xFFD4AAD2)
YUV	187.1180, 11.2808, 21.8215
Hunter-Lab	68.8474, 17.3420, -9.7815

Details

The XYZ color **53.1590, 47.3996, 67.3200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.5694, 58.6131, 47.8387**, and the grayscale version is **47.2354, 49.6953, 54.1182**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **26.2995, 22.4915, 33.9655** is the 20% darker color. If you saturate the color by 10%, you get **49.3759, 40.0334, 65.4406**, and if you desaturate by 10%, it is **57.5866, 56.0520, 69.4192**.

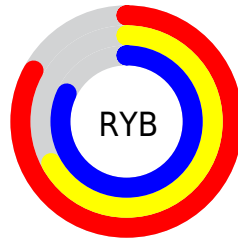
Distribution



Red (83%)

Green (67%)

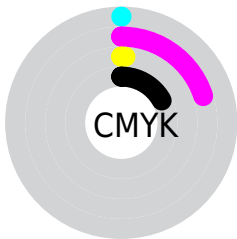
Blue (82%)



Red (83%)

Yellow (67%)

Blue (82%)

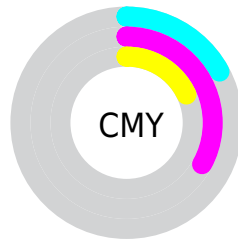


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1590, 47.3996, 67.3200 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 53.1590, 47.3996, 67.3200 by changing the saturation by 10% instead.


 53.1590, 47.3996,
67.3200

 53.1590, 47.3996,
67.3200


389.1457,
376.4073, 469.6154

 38.1577, 33.3517,
48.8815


 94.0024, 86.3098,
117.0238

 26.2829, 22.3960,
34.1605


120.5753,
111.9408, 149.1262

 17.1692, 14.1481,
22.7386


151.7361,
142.2017, 186.6203

 10.4512, 8.2238,
14.1971

187.8501,
177.4768, 229.9247

 5.7637, 4.2385,
8.1176

229.2827,
218.1505, 279.4578

 2.7412, 1.8078,
4.0814

276.3993,

 1.0184, 0.4921,

264.6073, 335.6383

1.6701

329.5652,
317.2314, 398.8847

■ 0.0000, 0.0000,
0.3401

■ 0.0000, 0.0000,
0.0000

■ 53.1590, 47.3996,
67.3200

■ 53.1590, 47.3996,
67.3200

■ 49.3759, 40.0334,
65.4406

■ 57.5866, 56.0520,
69.4192

■ 46.2024, 33.8857,
63.7678

■ 62.6830, 66.0415,
71.7447

■ 43.6066, 28.8924,
62.2915

■ 68.4765, 77.4240,
74.3065

■ 41.5523, 24.9808,
60.9996

■ 74.9926, 90.2502,
77.1131

39.9990, 22.0699,
59.8786

75.1841, 90.4262,
77.8155

38.9007, 20.0676,
58.9131

75.3144, 90.4783,
78.5014

38.2026, 18.8646,
58.0849

75.4454, 90.5307,
79.1915

37.8076, 18.2666,
57.3616

75.5773, 90.5835,
79.8858

37.8010, 18.2569,
57.3482

75.7099, 90.6365,
80.5844

Harmonies

Analogous

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



49.3134, 47.3996, 78.7172



53.1590, 47.3996, 67.3200



54.8252, 47.3996, 53.0680

Triad

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



53.1590, 47.3996, 67.3200



45.5581, 47.3996, 29.6077



37.3670, 47.3996, 64.3773

Complementary

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



53.1590, 47.3996, 67.3200



47.5694, 58.6131, 47.8387

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.



36.5151, 47.3996, 50.1791



53.1590, 47.3996, 67.3200



41.0433, 47.3996, 31.5726

Square

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



53.1590, 47.3996, 67.3200



50.2470, 47.3996, 32.6249



37.8140, 47.3996, 38.5567



40.2278, 47.3996, 76.8188

Rectangle

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



53.1590, 47.3996, 67.3200



54.3946, 47.3996, 44.3801



37.8140, 47.3996, 38.5567



36.8454, 47.3996, 59.5855

Sweetspot

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



53.1604, 47.4017, 67.3210



90.2447, 90.5768, 106.7204



43.1423, 42.2082, 68.1616



19.2091, 19.1775, 22.7935



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.



53.1604, 47.4017, 67.3210



78.0714, 66.7882, 100.9424



50.7784, 46.4489, 54.7774



12.9263, 12.6220, 15.5520



23.3469, 11.2751, 35.4606



1.4162, 0.6833, 2.1812

Inverse Universe

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



53.1604, 47.4017, 67.3210



78.0714, 66.7882, 100.9424



49.6816, 59.4580, 58.9617



12.9263, 12.6220, 15.5520



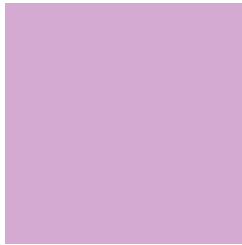
23.3469, 11.2751, 35.4606



1.4162, 0.6833, 2.1812

Previews

White Background



This preview shows how the XYZ color 53.1590, 47.3996, 67.3200 looks on a white background.

Color Contrast Check

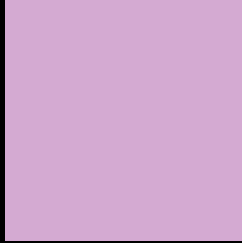
Large Text (above 18pt) WCAG AA × Fail

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 53.1590, 47.3996, 67.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

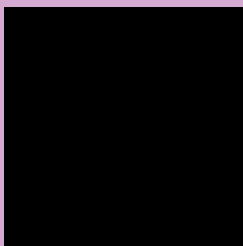
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1590, 47.3996, 67.3200

Background



This preview shows how black text looks on a background with the XYZ color 53.1590, 47.3996, 67.3200.



This preview shows how white text looks on a background with the XYZ color 53.1590, 47.3996,

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

53.1590, 47.3996, 67.3200

Protanopia

47.2873, 47.7480, 73.0536

Deuteranopia

48.4915, 47.6131, 66.3090



Tritanopia

50.5076, 47.4583, 54.0753

Trichromacy



Original Color

53.1590, 47.3996, 67.3200

Protanomaly

49.1724, 47.5659, 70.8795

Deuteranomaly

50.0599, 47.5244, 66.8563

Tritanomaly

51.4857, 47.5743, 58.6937

Monochromacy



Original Color

53.1590, 47.3996, 67.3200

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.1392, 48.7236, 58.4444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1590, 47.3996, 67.3200 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, 170, 210)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 210)  
}
```

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, 170, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.1590, 47.3996, 67.3200 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, 170, 210) }
```


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

```
.border{ border-color:rgb(212, 170, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1590, 47.3996, 67.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 210) }
```

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

```
.background{ background-color: rgb(212,  
170, 210) }
```

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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