

Converting Colors

XYZ(53.7662, 48.1370, 65.8868)

Have a look what the booklet for
XYZ(53.7662, 48.1370, 65.8868)
contains.

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Color

**XYZ(53.6796, 47.9760,
66.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ABD0
RGB	214, 171, 208
RGB Percent	84%, 67%, 82%
CMY	0.1608, 0.3294, 0.1843
CMYK	0.00, 0.20, 0.03, 0.16
HSL	308°, 34%, 75%
HSV	308°, 20%, 84%
XYZ	53.6796, 47.9760, 66.1056
YIQ	188.0750, 13.7510, 20.6230

Conversions

Conversions Part 2

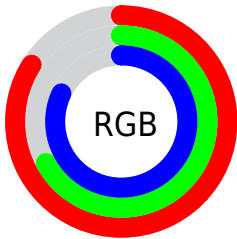
Format	Color
R _Y B	214, 171, 208
Decimal	14068688
CIE Lab	74.81, 21.87, -12.78
CIE LCh	75, 25.335, 329.698
Yxy	47.9760, 0.3200, 0.2860
Android (android.graphics.Color)	4292258768 (0xFFD6ABD0)
YUV	188.0750, 9.8230, 22.7362
Hunter-Lab	69.2647, 17.1228, -8.1005

Details

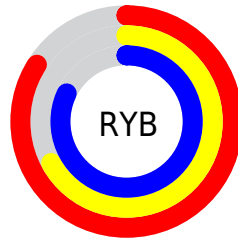
The XYZ color **53.6796, 47.9760, 66.1056** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7788, 59.9267, 50.5937**, and the grayscale version is **47.7842, 50.2727, 54.7470**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **26.6092, 22.6609, 33.5434** is the 20% darker color. If you saturate the color by 10%, you get **49.5965, 40.3916, 62.9493**, and if you desaturate by 10%, it is **58.4269, 56.8762, 69.5186**.

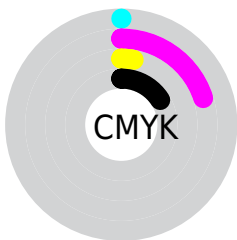
Distribution



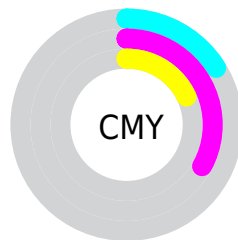
- Red (84%)
- Green (67%)
- Blue (82%)



- Red (84%)
- Yellow (67%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6796, 47.9760, 66.1056 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 53.6796, 47.9760, 66.1056 by changing the saturation by 10% instead.

■ 53.6796, 47.9760,
66.1056

■ 53.6796, 47.9760,
66.1056

391.1054,
378.6970, 465.1690

■ 38.5752, 33.8079,
47.9011

■ 94.7633, 87.1687,
115.2663

■ 26.6087, 22.7460,
33.3891

121.4733,
112.9620, 147.0597

■ 17.4146, 14.4061,
22.1512

152.7826,
143.3992, 184.2197

■ 10.6277, 8.4037,
13.7686

189.0565,
178.8647, 227.1649

■ 5.8825, 4.3543,
7.8230

230.6604,
219.7428, 276.3139

■ 2.8137, 1.8737,
3.8958

277.9596,

■ 1.0560, 0.5325,

266.4179, 332.0852

1.5683

331.3195,
319.2746, 394.8974

■ 0.0000, 0.0000,
0.2681

■ 0.0000, 0.0000,
0.0000

■ 53.6796, 47.9760,
66.1056

■ 53.6796, 47.9760,
66.1056

■ 49.5965, 40.3916,
62.9493

■ 58.4269, 56.8762,
69.5186

■ 46.1418, 34.0537,
60.0358

■ 63.8634, 67.1446,
73.1950

■ 43.2829, 28.8965,
57.3547

■ 70.0182, 78.8383,
77.1454

■ 40.9825, 24.8452,
54.8934

■ 76.4031, 90.9808,
81.2072

39.1989, 21.8169,
52.6377

76.8021, 91.1404,
83.3086

37.8848, 19.7168,
50.5717

77.2083, 91.3029,
85.4473

36.9838, 18.4322,
48.6765

77.6216, 91.4682,
87.6237

36.3981, 17.7628,
46.9332

78.0420, 91.6364,
89.8378

78.4697, 91.8074,
92.0899

Harmonies

Analogous

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



50.1286, 47.9760, 77.5065



53.6796, 47.9760, 66.1056



55.0395, 47.9760, 52.3716

Triad

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



53.6796, 47.9760, 66.1056



45.6465, 47.9760, 30.7616



38.3327, 47.9760, 65.8350

Complementary

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



53.6796, 47.9760, 66.1056



48.7788, 59.9267, 50.5937

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.



37.3062, 47.9760, 52.1041



53.6796, 47.9760, 66.1056



41.3522, 47.9760, 33.1613

Square

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



53.6796, 47.9760, 66.1056



50.2148, 47.9760, 33.2602



38.3743, 47.9760, 40.4591



41.2765, 47.9760, 77.3327

Rectangle

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



53.6796, 47.9760, 66.1056



54.4543, 47.9760, 44.1481



38.3743, 47.9760, 40.4591



37.7611, 47.9760, 61.2596

Sweetspot

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



53.6810, 47.9781, 66.1066



90.0199, 90.4869, 105.5369



44.7734, 43.2991, 69.6169



19.1558, 19.1562, 22.5128



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.



53.6810, 47.9781, 66.1066



77.1925, 66.4367, 96.3142



51.2408, 47.0020, 53.2564



12.8750, 12.6015, 15.2821



22.0290, 10.7479, 28.5206



1.3497, 0.6567, 1.8307

Inverse Universe

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



53.6810, 47.9781, 66.1066



77.1925, 66.4367, 96.3142



51.0628, 60.8403, 62.6209



12.8750, 12.6015, 15.2821



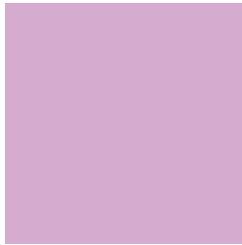
22.0290, 10.7479, 28.5206



1.3497, 0.6567, 1.8307

Previews

White Background



This preview shows how the XYZ color 53.6796, 47.9760, 66.1056 looks on a white background.

Color Contrast Check

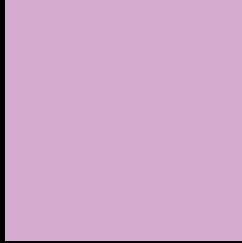
Large Text (above 18pt) WCAG AA × Fail

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 53.6796, 47.9760, 66.1056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

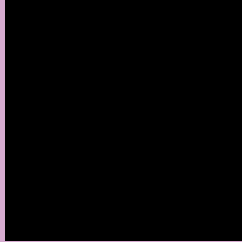
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6796, 47.9760, 66.1056

Background



This preview shows how black text looks on a background with the XYZ color 53.6796, 47.9760, 66.1056.



This preview shows how white text looks on a background with the XYZ color 53.6796, 47.9760,

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

53.6796, 47.9760, 66.1056

Protanopia

47.6883, 48.2898, 71.7732

Deuteranopia

48.9989, 47.9029, 65.0562



Tritanopia

51.0771, 47.7518, 54.1019

Trichromacy



Original Color

53.6796, 47.9760, 66.1056

Protanomaly

49.6162, 48.1207, 69.6240

Deuteranomaly

50.6072, 47.8350, 65.5973

Tritanomaly

51.9453, 47.8243, 58.1230

Monochromacy



Original Color

53.6796, 47.9760, 66.1056

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.6042, 49.2663, 58.5247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6796, 47.9760, 66.1056 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, 171, 208)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 208)  
}
```

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, 171, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 208) }
```

Border

The CSS property to change the border of an element to XYZ 53.6796, 47.9760, 66.1056 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, 171, 208) }
```


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

```
.border{ border-color:rgb(214, 171, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6796, 47.9760, 66.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 208) }
```

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

```
.background{ background-color: rgb(214,  
171, 208) }
```

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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