

Converting Colors

XYZ(53.2748, 46.6869, 63.5126)

Have a look what the booklet for
XYZ(53.2748, 46.6869, 63.5126)
contains.

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Color

**XYZ(53.3331, 46.7488,
63.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A7CC
RGB	217, 167, 204
RGB Percent	85%, 65%, 80%
CMY	0.1490, 0.3451, 0.2000
CMYK	0.00, 0.23, 0.06, 0.15
HSL	316°, 40%, 75%
HSV	316°, 23%, 85%
XYZ	53.3331, 46.7488, 63.3392
YIQ	186.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

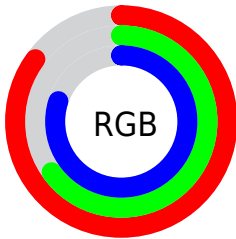
Format	Color
RYB	217, 167, 204
Decimal	14264268
CIELab	74.03, 24.35, -11.73
CIELCh	74, 27.028, 334.271
Yxy	46.7488, 0.3264, 0.2861
Android (android.graphics.Color)	4292454348 (0xFFD9A7CC)
YUV	186.1680, 8.7912, 27.0397
Hunter-Lab	68.3731, 19.5825, -7.0637

Details

The XYZ color **53.3331, 46.7488, 63.3392** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9893, 61.1379, 52.4016**, and the grayscale version is **46.7127, 49.1454, 53.5193**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **26.5360, 22.1449, 31.7299** is the 20% darker color. If you saturate the color by 10%, you get **49.0222, 39.1898, 58.6238**, and if you desaturate by 10%, it is **58.3384, 55.6558, 68.4081**.

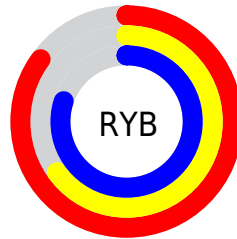
Distribution



Red (85%)

Green (65%)

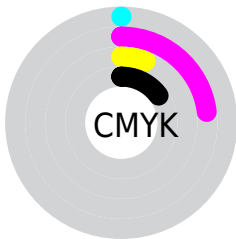
Blue (80%)



Red (85%)

Yellow (65%)

Blue (80%)

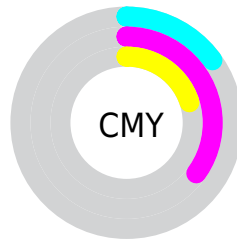


Cyan (0%)

Magenta (23%)

Yellow (6%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3331, 46.7488, 63.3392 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 53.3331, 46.7488, 63.3392 by changing the saturation by 10% instead.

 53.3331, 46.7488,
63.3392

 53.3331, 46.7488,
63.3392


389.8018,
373.8109, 454.9413

 38.2973, 32.8371,
45.6729


 94.2570, 85.3385,
111.2490

 26.3918, 22.0017,
31.6410


 120.8758,
110.7854, 142.3296

 17.2512, 13.8581,
20.8249


152.0863,
140.8461, 178.7188

 10.5101, 8.0221,
12.8061

188.2538,
175.9050, 220.8350

 5.8033, 4.1091,
7.1660

229.7438,
216.3465, 269.0968

 2.7654, 1.7348,
3.4861

276.9215,

 1.0309, 0.4460,

262.5551, 323.9227

1.3479

330.1524,
314.9151, 385.7314

■ 0.0000, 0.0000,
0.1006

■ 0.0000, 0.0000,
0.0000

■ 53.3331, 46.7488,
63.3392

■ 53.3331, 46.7488,
63.3392

■ 49.0222, 39.1898,
58.6238

■ 58.3384, 55.6558,
68.4081

■ 45.3678, 32.9059,
54.2464

■ 64.0650, 65.9665,
73.8391

■ 42.3352, 27.8269,
50.1948

■ 70.5436, 77.7412,
79.6443

■ 39.8841, 23.8731,
46.4541

■ 77.8018, 91.0346,
85.8340

37.9698, 20.9553,
43.0081

78.9715, 92.1103,
90.1200

36.5406, 18.9707,
39.8384

79.7871, 92.4365,
94.4151

35.5343, 17.7951,
36.9226

80.6288, 92.7732,
98.8469

35.0113, 17.3102,
35.0183

81.4966, 93.1203,
103.4169

82.3909, 93.4780,
108.1261

Harmonies

Analogous

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



49.8692, 46.7488, 76.1887



53.3331, 46.7488, 63.3392



54.3500, 46.7488, 48.9468

Triad

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



53.3331, 46.7488, 63.3392



43.7455, 46.7488, 28.7232



37.1939, 46.7488, 67.3907

Complementary

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



53.3331, 46.7488, 63.3392



48.9893, 61.1379, 52.4016

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.



35.8028, 46.7488, 52.9075



53.3331, 46.7488, 63.3392



39.4075, 46.7488, 31.9382

Square

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



53.3331, 46.7488, 63.3392



48.5870, 46.7488, 30.5087



36.5832, 46.7488, 40.2089



40.5234, 46.7488, 78.8093

Rectangle

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



53.3331, 46.7488, 63.3392



53.4460, 46.7488, 40.7352



36.5832, 46.7488, 40.2089



36.4955, 46.7488, 62.6324

Sweetspot

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



53.3345, 46.7509, 63.3402



88.8793, 88.8399, 103.2009



45.0513, 42.2930, 71.4354



18.9153, 18.8199, 21.9867



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.



53.3345, 46.7509, 63.3402



73.5010, 61.4564, 87.6765



50.6231, 45.6663, 49.0620



13.4623, 13.2140, 15.6955



21.2390, 10.4966, 21.4365



1.4104, 0.6938, 1.5703

Inverse Universe

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



53.3345, 46.7509, 63.3402



73.5010, 61.4564, 87.6765



51.7100, 62.2262, 66.7285



13.4623, 13.2140, 15.6955



21.2390, 10.4966, 21.4365



1.4104, 0.6938, 1.5703

Previews

White Background



This preview shows how the XYZ color 53.3331, 46.7488, 63.3392 looks on a white background.

Color Contrast Check

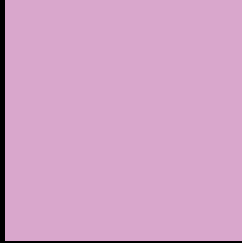
Large Text (above 18pt) WCAG AA × Fail

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 53.3331, 46.7488, 63.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

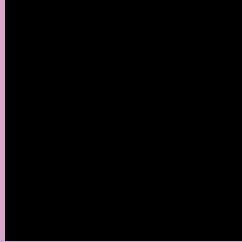
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3331, 46.7488, 63.3392

Background



This preview shows how black text looks on a background with the XYZ color 53.3331, 46.7488, 63.3392.



This preview shows how white text looks on a background with the XYZ color 53.3331, 46.7488,

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

53.3331, 46.7488, 63.3392

Protanopia

46.4386, 47.0819, 69.5909

Deuteranopia

47.8687, 46.7849, 62.3846



Tritanopia

50.9462, 46.8827, 51.7115

Trichromacy



Original Color

53.3331, 46.7488, 63.3392

Protanomaly

48.6440, 46.7802, 67.4384

Deuteranomaly

49.5425, 46.4783, 62.8600

Tritanomaly

51.8030, 46.9581, 55.6237

Monochromacy



Original Color

53.3331, 46.7488, 63.3392

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.7717, 47.9608, 57.1389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3331, 46.7488, 63.3392 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, 167, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 204)  
}
```

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, 167, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.3331, 46.7488, 63.3392 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, 167, 204) }
```


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

```
.border{ border-color:rgb(217, 167, 204) }
```

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

Here you see how a box with a 4 pixel rgb(217, 167, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 167, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 167, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 167,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3331, 46.7488, 63.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 204) }
```

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

```
.background{ background-color: rgb(217,  
167, 204) }
```

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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