

Converting Colors

XYZ(53.6243, 49.1835, 68.0009)

Have a look what the booklet for
XYZ(53.6243, 49.1835, 68.0009)
contains.

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Color

**XYZ(53.6662, 49.0647,
68.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AFD3
RGB	210, 175, 211
RGB Percent	82%, 69%, 83%
CMY	0.1765, 0.3137, 0.1725
CMYK	0.00, 0.17, 0.00, 0.17
HSL	298°, 29%, 76%
HSV	298°, 17%, 83%
XYZ	53.6662, 49.0647, 68.2699
YIQ	189.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

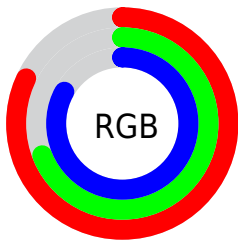
Format	Color
R_{YB}	210, 175, 211
Decimal	13807571
CIE _{Lab}	75.49, 18.90, -13.44
CIE _{LCh}	75, 23.190, 324.592
Yxy	49.0647, 0.3138, 0.2869
Android (android.graphics.Color)	4291997651 (0xFFD2AFD3)
YUV	189.5690, 10.5655, 17.9180
Hunter-Lab	70.0462, 14.1777, -8.7541

Details

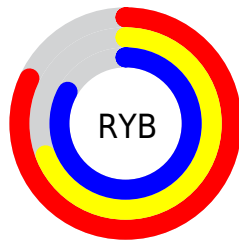
The XYZ color **53.6662, 49.0647, 68.2699** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9383, 58.9150, 49.3522**, and the grayscale version is **48.6345, 51.1673, 55.7212**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **26.4779, 23.2879, 34.5520** is the 20% darker color. If you saturate the color by 10%, you get **49.7101, 41.3989, 66.9995**, and if you desaturate by 10%, it is **58.2675, 58.0184, 69.7563**.

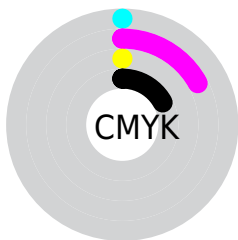
Distribution



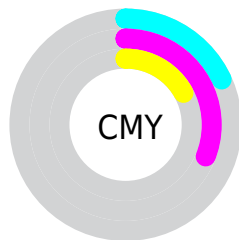
- Red (82%)
- Green (69%)
- Blue (83%)



- Red (82%)
- Yellow (69%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6662, 49.0647, 68.2699 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 53.6662, 49.0647, 68.2699 by changing the saturation by 10% instead.

■ 53.6662, 49.0647,
68.2699

■ 53.6662, 49.0647,
68.2699

391.0550,
382.9970, 473.0757

■ 38.5645, 34.6708,
49.6493

■ 94.7437, 88.7875,
118.3960

■ 26.6003, 23.4094,
34.7656

121.4502,
114.8853, 150.7386

■ 17.4083, 14.8961,
23.2002

152.7557,
145.6531, 188.4923

■ 10.6231, 8.7465,
14.5348

189.0255,
181.4754, 232.0756

■ 5.8794, 4.5762,
8.3505

230.6250,
222.7365, 281.9070

■ 2.8119, 2.0008,
4.2291

277.9195,

■ 1.0551, 0.6079,

269.8209, 338.4052

1.7518

331.2744,
323.1129, 401.9885

■ 0.0000, 0.0000,
0.3959

■ 0.0000, 0.0000,
0.0000

■ 53.6662, 49.0647,
68.2699

■ 53.6662, 49.0647,
68.2699

■ 49.7101, 41.3989,
66.9995

■ 58.2675, 58.0184,
69.7563

■ 46.3652, 34.9553,
65.9320

■ 63.5373, 68.3091,
71.4649

■ 43.6007, 29.6717,
65.0579

■ 69.5034, 79.9913,
73.4054

■ 41.3817, 25.4783,
64.3654

■ 74.7690, 90.2716,
75.1121

39.6696, 22.2975,
63.8417

74.9385, 90.3590,
75.1201

38.4204, 20.0418,
63.4722

75.1087, 90.4467,
75.1280

37.5829, 18.6087,
63.2397

75.2795, 90.5348,
75.1360

37.0891, 17.8618,
63.1216

75.4509, 90.6232,
75.1440

36.9742, 17.7026,
63.0969

75.6230, 90.7118,
75.1521

Harmonies

Analogous

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



50.1426, 49.0647, 77.8382



53.6662, 49.0647, 68.2699



55.3135, 49.0647, 55.6746

Triad

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



53.6662, 49.0647, 68.2699



47.4142, 49.0647, 33.2326



39.5468, 49.0647, 63.8401

Complementary

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



53.6662, 49.0647, 68.2699



48.9383, 58.9150, 49.3522

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.



38.9145, 49.0647, 51.2332



53.6662, 49.0647, 68.2699



43.2940, 49.0647, 34.7356

Square

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



53.6662, 49.0647, 68.2699



51.5653, 49.0647, 36.4290



40.2456, 49.0647, 40.9018



42.0285, 49.0647, 75.0190

Rectangle

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



53.6662, 49.0647, 68.2699



55.0576, 49.0647, 47.7045



40.2456, 49.0647, 40.9018



39.1176, 49.0647, 59.5814

Sweetspot

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



53.6677, 49.0668, 68.2710



90.9865, 92.0661, 107.5828



45.0037, 44.9486, 67.9327



19.3572, 19.4764, 22.9890



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.



53.6677, 49.0668, 68.2710



80.3638, 71.3981, 104.1533



51.9555, 48.4150, 57.7651



12.2770, 11.9916, 14.9112



22.3288, 10.6912, 38.0792



1.2589, 0.6032, 2.1296

Inverse Universe

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



50.0320, 47.6455, 47.6360



73.9026, 68.8736, 67.4201



50.4674, 59.5006, 58.5796



11.8219, 11.8135, 12.3377



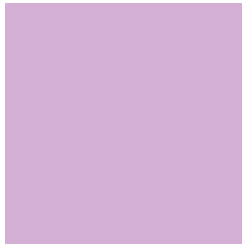
16.2380, 8.3680, 0.8935



0.9127, 0.4698, 0.0751

Previews

White Background



This preview shows how the XYZ color 53.6662, 49.0647, 68.2699 looks on a white background.

Color Contrast Check

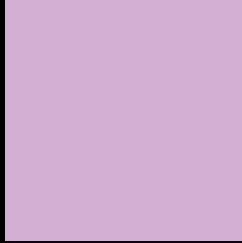
Large Text (above 18pt) WCAG AA × Fail

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 53.6662, 49.0647, 68.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

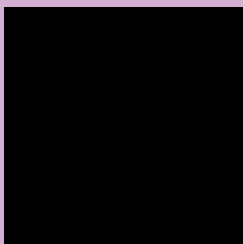
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6662, 49.0647, 68.2699

Background



This preview shows how black text looks on a background with the XYZ color 53.6662, 49.0647, 68.2699.



This preview shows how white text looks on a background with the XYZ color 53.6662, 49.0647,

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

53.6662, 49.0647, 68.2699

Protanopia

48.6957, 49.4110, 72.6164

Deuteranopia

50.1491, 49.0383, 67.7950



Tritanopia

51.1669, 48.9120, 56.6133

Trichromacy



Original Color

53.6662, 49.0647, 68.2699

Protanomaly

50.2755, 49.0304, 71.1040

Deuteranomaly

51.3061, 49.0355, 67.7334

Tritanomaly

52.0434, 48.9777, 60.7435

Monochromacy



Original Color

53.6662, 49.0647, 68.2699

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.5680, 50.6455, 60.5364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6662, 49.0647, 68.2699 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(210, 175, 211)` looks like.

```
.text, #text, p{  
    color:rgb(210, 175, 211)  
}
```

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(210, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 175, 211) }
```

Border

The CSS property to change the border of an element to XYZ 53.6662, 49.0647, 68.2699 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(210, 175, 211) }
```


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

```
.border{ border-color:rgb(210, 175, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 175,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6662, 49.0647, 68.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 175, 211) }
```

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

```
.background{ background-color: rgb(210,  
175, 211) }
```

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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