

Converting Colors

XYZ(54.0611, 48.9178, 66.5323)

Have a look what the booklet for
XYZ(54.0611, 48.9178, 66.5323)
contains.

XYZ(53.9618, 48.9723, 66.2830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9618, 48.9723,
66.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AED0
RGB	213, 174, 208
RGB Percent	84%, 68%, 82%
CMY	0.1647, 0.3176, 0.1843
CMYK	0.00, 0.18, 0.02, 0.16
HSL	308°, 32%, 76%
HSV	308°, 18%, 84%
XYZ	53.9618, 48.9723, 66.2830
YIQ	189.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

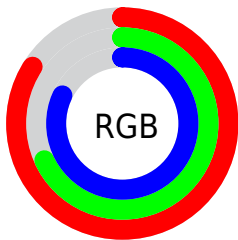
Format	Color
R _Y B	213, 174, 208
Decimal	14003920
CIE Lab	75.43, 19.91, -11.86
CIE LCh	75, 23.170, 329.217
Yxy	48.9723, 0.3189, 0.2894
Android (android.graphics.Color)	4292194000 (0xFFD5AED0)
YUV	189.5370, 9.1023, 20.5771
Hunter-Lab	69.9802, 15.1761, -7.1714

Details

The XYZ color **53.9618, 48.9723, 66.2830** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3884, 59.8433, 51.5984**, and the grayscale version is **48.6231, 51.1553, 55.7081**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **26.7707, 23.2769, 33.6538** is the 20% darker color. If you saturate the color by 10%, you get **49.8360, 41.2531, 63.2646**, and if you desaturate by 10%, it is **58.7488, 58.0031, 69.5515**.

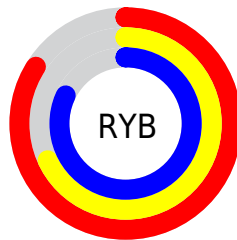
Distribution



Red (84%)

Green (68%)

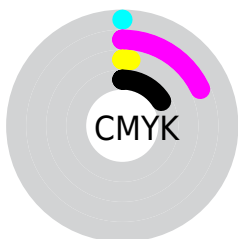
Blue (82%)



Red (84%)

Yellow (68%)

Blue (82%)

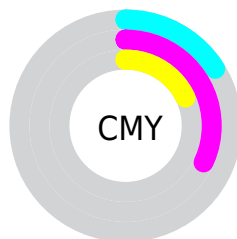


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (16%)



Cyan (16%)


Magenta (32%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9618, 48.9723, 66.2830 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 53.9618, 48.9723, 66.2830 by changing the saturation by 10% instead.


 53.9618, 48.9723,
66.2830

 53.9618, 48.9723,
66.2830


392.1651,
382.6333, 465.8201

 38.8017, 34.5975,
48.0442

 95.1754, 88.6503,
115.5233

 26.7855, 23.3530,
33.5017

121.9595,
114.7223, 147.3619

 17.5479, 14.8544,
22.2368


153.3491,
145.4622, 184.5709

 10.7236, 8.7172,
13.8310

189.7094,
181.2543, 227.5688

 5.9472, 4.5572,
7.8658

231.4058,
222.4831, 276.7741

 2.8534, 1.9899,
3.9227

278.8036,

 1.0767, 0.6016,

269.5329, 332.6054

1.5830

332.2682,
322.7882, 395.4812

■ 0.0055, 0.0000,
0.2787

■ 0.0000, 0.0000,
0.0000

■ 53.9618, 48.9723,
66.2830

■ 53.9618, 48.9723,
66.2830

■ 49.8360, 41.2531,
63.2646

■ 58.7488, 58.0031,
69.5515

■ 46.3363, 34.7777,
60.4827

■ 64.2213, 68.3964,
73.0766

■ 43.4310, 29.4819,
57.9272

■ 70.4078, 80.2082,
76.8686

■ 41.0839, 25.2933,
55.5859

■ 75.9774, 90.7769,
80.4839

39.2547, 22.1314,
53.4453

76.3398, 90.9219,
82.3926

37.8977, 19.9050,
51.4898

76.7082, 91.0692,
84.3325

36.9591, 18.5065,
49.7016

77.0826, 91.2190,
86.3038

36.3591, 17.7762,
48.0537

77.4629, 91.3711,
88.3066

36.2709, 17.6783,
47.7821

77.8492, 91.5256,
90.3410

Harmonies

Analogous

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



50.6700, 48.9723, 76.5874



53.9618, 48.9723, 66.2830



55.2474, 48.9723, 53.6443

Triad

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



53.9618, 48.9723, 66.2830



46.6589, 48.9723, 33.0991



39.7430, 48.9723, 65.6420

Complementary

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



53.9618, 48.9723, 66.2830



49.3884, 59.8433, 51.5984

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.



38.8111, 48.9723, 53.0020



53.9618, 48.9723, 66.2830



42.6534, 48.9723, 35.3221

Square

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



53.9618, 48.9723, 66.2830



50.8759, 48.9723, 35.5667



39.8441, 48.9723, 42.1722



42.4704, 48.9723, 76.1793

Rectangle

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



53.9618, 48.9723, 66.2830



54.7370, 48.9723, 45.9521



39.8441, 48.9723, 42.1722



39.2171, 48.9723, 61.4417

Sweetspot

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



53.9633, 48.9744, 66.2840



90.8545, 92.0283, 106.2085



45.6350, 44.6089, 69.1568



19.3250, 19.4672, 22.6537



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.



53.9633, 48.9744, 66.2840



78.5537, 68.8262, 97.7943



51.7582, 48.0924, 54.6725



12.8813, 12.6040, 15.3152



22.1822, 10.8092, 29.3272



1.3575, 0.6598, 1.8719

Inverse Universe

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



53.9633, 48.9744, 66.2840



78.5537, 68.8262, 97.7943



51.4504, 60.6681, 62.4563



12.8813, 12.6040, 15.3152



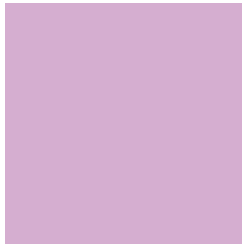
22.1822, 10.8092, 29.3272



1.3575, 0.6598, 1.8719

Previews

White Background



This preview shows how the XYZ color 53.9618, 48.9723, 66.2830 looks on a white background.

Color Contrast Check

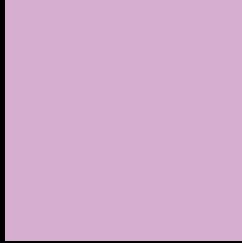
Large Text (above 18pt) WCAG AA × Fail

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 53.9618, 48.9723, 66.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

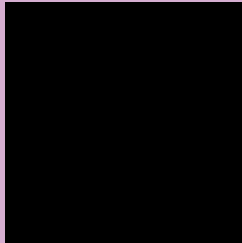
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9618, 48.9723, 66.2830

Background



This preview shows how black text looks on a background with the XYZ color 53.9618, 48.9723, 66.2830.



This preview shows how white text looks on a background with the XYZ color 53.9618, 48.9723,

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

53.9618, 48.9723, 66.2830

Protanopia

48.6708, 49.4280, 71.2653

Deuteranopia

50.2920, 49.1548, 65.8686



Tritanopia

51.9901, 49.0548, 56.0186

Trichromacy



Original Color

53.9618, 48.9723, 66.2830

Protanomaly

50.3999, 49.1387, 69.1157

Deuteranomaly

51.5400, 48.9023, 65.7541

Tritanomaly

52.7548, 49.0789, 59.5160

Monochromacy



Original Color

53.9618, 48.9723, 66.2830

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.5072, 50.3180, 59.8736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9618, 48.9723, 66.2830 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(213, 174, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 174, 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(213, 174, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 174, 208) }
```

Border

The CSS property to change the border of an element to XYZ 53.9618, 48.9723, 66.2830 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(213, 174, 208) }
```


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

```
.border{ border-color:rgb(213, 174, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 174, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 174, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 174, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 174,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9618, 48.9723, 66.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 174, 208) }
```

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

```
.background{ background-color: rgb(213,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor