

Converting Colors

XYZ(44.7558, 34.2386, 54.1817)

Have a look what the booklet for
XYZ(44.7558, 34.2386, 54.1817)
contains.

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Color

**XYZ(44.6297, 34.1572,
54.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	D384C0
RGB	211, 132, 192
RGB Percent	83%, 52%, 75%
CMY	0.1725, 0.4823, 0.2471
CMYK	0.00, 0.37, 0.09, 0.17
HSL	314°, 47%, 67%
HSV	314°, 37%, 83%
XYZ	44.6297, 34.1572, 54.1099
YIQ	162.4610, 27.8240, 35.4080

Conversions

Conversions Part 2

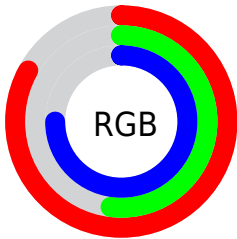
Format	Color
R _Y B	211, 132, 192
Decimal	13862080
CIE Lab	65.09, 39.11, -18.61
CIE LCh	65, 43.315, 334.552
Yxy	34.1572, 0.3358, 0.2570
Android (android.graphics.Color)	4292052160 (0xFFD384C0)
YUV	162.4610, 14.5627, 42.5687
Hunter-Lab	58.4442, 34.0306, -13.9821

Details

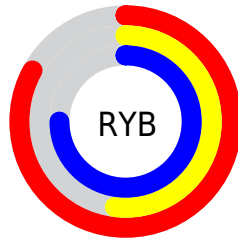
The XYZ color **44.6297, 34.1572, 54.1099** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.3974, 53.7296, 37.6276**, and the grayscale version is **34.4844, 36.2803, 39.5093**.

A 20% lighter version of the original color is **75.7422, 63.1551, 97.0050**, and **20.9737, 14.5409, 25.7460** is the 20% darker color. If you saturate the color by 10%, you get **41.5001, 28.7819, 50.3402**, and if you desaturate by 10%, it is **48.3595, 40.7007, 58.1761**.

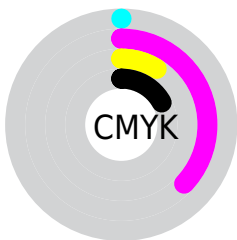
Distribution



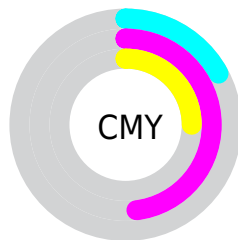
- Red (83%)
- Green (52%)
- Blue (75%)



- Red (83%)
- Yellow (52%)
- Blue (75%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6297, 34.1572, 54.1099 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 44.6297, 34.1572, 54.1099 by changing the saturation by 10% instead.


 44.6297, 34.1572,
54.1099

 44.6297, 34.1572,
54.1099


356.0807,
320.8324, 419.7154


 31.3659, 23.0144,
38.2958


 81.4049, 66.1781,
97.6936

 21.0308, 14.6041,
25.9087


 105.6471, 87.8249,
126.3003

 13.2591, 8.5420,
16.5302


 134.2794,
113.7418, 160.0082

 7.6854, 4.4437,
9.7417

167.6672,
144.3133, 199.2359

 3.9444, 1.9247,
5.1247

206.1759,
179.9237, 244.4019

 1.6708, 0.5632,
2.2606

250.1708,

 0.4379, 0.0000,

220.9575, 295.9248

0.7090

300.0173,
267.7989, 354.2231

■ 0.0000, 0.0000,
0.0000

■ 44.6297, 34.1572,
54.1099

■ 44.6297, 34.1572,
54.1099

■ 41.5001, 28.7819,
50.3402

■ 48.3595, 40.7007,
58.1761

■ 38.9321, 24.4997,
46.8520

■ 52.7186, 48.4720,
62.5483

■ 36.8877, 21.2344,
43.6322


■ 57.7380, 57.5323,
67.2381


■ 35.3228, 18.8978,
40.6650


■ 63.4459, 67.9375,
72.2559


■ 34.1854, 17.3866,
37.9321


■ 69.8685, 79.7400,
77.6113


 33.4046, 16.5590,
35.4088

 75.8697, 90.6672,
82.9265

 33.2314, 16.3959,
34.7859

 76.5622, 90.9442,
86.5732

 77.2754, 91.2295,
90.3287

 78.0094, 91.5231,
94.1940

Harmonies

Analogous

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



39.8036, 34.1572, 73.5448



44.6297, 34.1572, 54.1099



46.0451, 34.1572, 34.5146

Triad

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



44.6297, 34.1572, 54.1099



31.5168, 34.1572, 12.2792



23.5044, 34.1572, 60.4440

Complementary

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



44.6297, 34.1572, 54.1099



38.3974, 53.7296, 37.6276

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.



21.8585, 34.1572, 40.0031



44.6297, 34.1572, 54.1099



26.0895, 34.1572, 15.3678

Square

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



44.6297, 34.1572, 54.1099



37.9329, 34.1572, 13.8953



22.7404, 34.1572, 24.2276



27.5503, 34.1572, 77.9527

Rectangle

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



44.6297, 34.1572, 54.1099



44.7283, 34.1572, 24.5973



22.7404, 34.1572, 24.2276



22.6776, 34.1572, 53.4839

Sweetspot

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



44.6308, 34.1588, 54.1106



85.6780, 82.9639, 100.5110



32.6683, 27.7327, 65.2599



18.1107, 17.3460, 21.3014



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.



44.6308, 34.1588, 54.1106



64.5751, 45.6575, 78.3721



40.8719, 32.6552, 34.3165



12.1842, 11.9584, 14.2456



20.0968, 9.9116, 21.2139



1.1536, 0.5662, 1.3439

Inverse Universe

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



44.6308, 34.1588, 54.1106



64.5751, 45.6575, 78.3721



42.0983, 55.2099, 57.1160



12.1842, 11.9584, 14.2456



20.0968, 9.9116, 21.2139



1.1536, 0.5662, 1.3439

Previews

White Background



This preview shows how the XYZ color 44.6297, 34.1572, 54.1099 looks on a white background.

Color Contrast Check

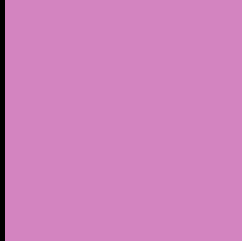
Large Text (above 18pt) WCAG AA × Fail

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 44.6297, 34.1572, 54.1099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

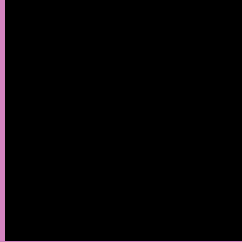
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6297, 34.1572, 54.1099

Background



This preview shows how black text looks on a background with the XYZ color 44.6297, 34.1572, 54.1099.



This preview shows how white text looks on a background with the XYZ color 44.6297, 34.1572,

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

44.6297, 34.1572, 54.1099

Protanopia

34.8987, 34.3097, 65.1047

Deuteranopia

35.0965, 34.4445, 52.3756



Tritanopia

40.4176, 34.1123, 33.7323

Trichromacy



Original Color

44.6297, 34.1572, 54.1099

Protanomaly

37.3617, 33.5041, 60.9977

Deuteranomaly

37.9791, 34.0065, 52.7063

Tritanomaly

41.8410, 34.0544, 40.4443

Monochromacy



Original Color

44.6297, 34.1572, 54.1099

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.4318, 34.8536, 44.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6297, 34.1572, 54.1099 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(211, 132, 192)` looks like.

```
.text, #text, p{  
    color:rgb(211, 132, 192)  
}
```

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(211, 132, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 132, 192) }
```

Border

The CSS property to change the border of an element to XYZ 44.6297, 34.1572, 54.1099 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(211, 132, 192) }
```


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

```
.border{ border-color:rgb(211, 132, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 132, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 132, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 132, 192);  
box-shadow:4px 4px 4px 4px rgb(211, 132,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6297, 34.1572, 54.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 132, 192) }
```

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

```
.background{ background-color: rgb(211,  
132, 192) }
```

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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