

Converting Colors

XYZ(45.9654, 34.4753, 53.6549)

Have a look what the booklet for
XYZ(45.9654, 34.4753, 53.6549)
contains.

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Color

**XYZ(46.0019, 34.4786,
53.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	D982BF
RGB	217, 130, 191
RGB Percent	85%, 51%, 75%
CMY	0.1490, 0.4902, 0.2510
CMYK	0.00, 0.40, 0.12, 0.15
HSL	318°, 53%, 68%
HSV	318°, 40%, 85%
XYZ	46.0019, 34.4786, 53.5207
YIQ	162.9670, 32.2710, 37.4150

Conversions

Conversions Part 2

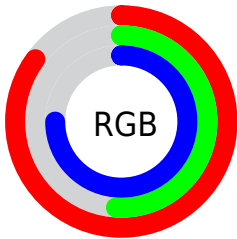
Format	Color
R _Y B	217, 130, 191
Decimal	14254783
CIE Lab	65.34, 41.96, -17.60
CIE LCh	65, 45.503, 337.249
Yxy	34.4786, 0.3433, 0.2573
Android (android.graphics.Color)	4292444863 (0xFFD982BF)
YUV	162.9670, 13.8203, 47.3869
Hunter-Lab	58.7185, 37.0852, -12.9387

Details

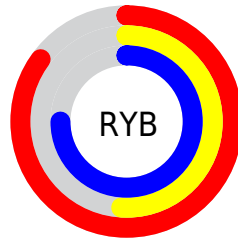
The XYZ color **46.0019, 34.4786, 53.5207** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **40.0211, 56.7729, 40.3039**, and the grayscale version is **34.7244, 36.5328, 39.7842**.

A 20% lighter version of the original color is **75.3775, 62.6733, 96.1200**, and **21.7370, 14.7285, 25.3641** is the 20% darker color. If you saturate the color by 10%, you get **42.7162, 29.0239, 48.9819**, and if you desaturate by 10%, it is **49.9299, 41.1664, 58.4302**.

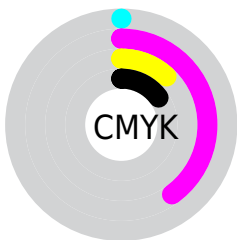
Distribution



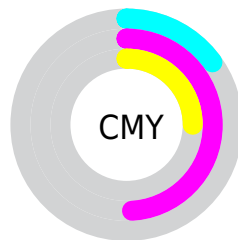
- Red (85%)
- Green (51%)
- Blue (75%)



- Red (85%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0019, 34.4786, 53.5207 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 46.0019, 34.4786, 53.5207 by changing the saturation by 10% instead.


 46.0019, 34.4786,
53.5207

 46.0019, 34.4786,
53.5207

361.5321,
322.2609, 417.4025


 32.4520, 23.2615,
37.8280


 83.4497, 66.6772,
96.8194

 21.8642, 14.7867,
25.5485


 108.0782, 88.4276,
125.2626

 13.8732, 8.6698,
16.2634


 137.1304,
114.4578, 158.7930

 8.1136, 4.5265,
9.5544

170.9714,
145.1523, 197.8291

 4.2201, 1.9722,
5.0028

209.9668,
180.8955, 242.7896

 1.8274, 0.5912,
2.1901

254.4818,

 0.5341, 0.0000,

222.0717, 294.0930

0.6687

304.8818,
269.0654, 352.1578

■ 0.0000, 0.0000,
0.0000

■ 46.0019, 34.4786,
53.5207

■ 46.0019, 34.4786,
53.5207

■ 42.7162, 29.0239,
48.9819

■ 49.9299, 41.1664,
58.4302

■ 40.0308, 24.7201,
44.7968

■ 54.5327, 49.1531,
63.7223

■ 37.9031, 21.4827,
40.9496

■ 59.8443, 58.5054,
69.4104

■ 36.2838, 19.2133,
37.4217

■ 65.8953, 69.2843,
75.5067

■ 35.1141, 17.7954,
34.1913

■ 72.7147, 81.5468,
82.0226

■ 34.2950, 17.0237,
31.2470

■ 78.6463, 91.9802,
88.4081

■ 79.5739, 92.3512,
93.2927

■ 80.5357, 92.7359,
98.3577

■ 81.5322, 93.1345,
103.6048

Harmonies

Analogous

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



41.1163, 34.4786, 74.7887



46.0019, 34.4786, 53.5207



47.1278, 34.4786, 33.1169

Triad

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



46.0019, 34.4786, 53.5207



31.1872, 34.4786, 11.7073



23.6274, 34.4786, 64.2871

Complementary

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



46.0019, 34.4786, 53.5207



40.0211, 56.7729, 40.3039

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.



21.6732, 34.4786, 42.3433



46.0019, 34.4786, 53.5207



25.6388, 34.4786, 15.3193

Square

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



46.0019, 34.4786, 53.5207



37.9572, 34.4786, 12.9202



22.3564, 34.4786, 25.1085



28.0799, 34.4786, 82.3286

Rectangle

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



46.0019, 34.4786, 53.5207



45.4734, 34.4786, 23.1729



22.3564, 34.4786, 25.1085



22.6859, 34.4786, 56.8806

Sweetspot

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



46.0030, 34.4802, 53.5214



84.6155, 81.4315, 98.3300



33.9591, 27.9109, 69.2438



17.8884, 17.0362, 20.8116



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.



46.0030, 34.4802, 53.5214



62.2826, 43.0096, 71.6363



42.0121, 32.8838, 32.5058



13.4400, 13.2051, 15.5780



20.8088, 10.3246, 19.1711



1.3854, 0.6838, 1.4385

Inverse Universe

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



46.0030, 34.4802, 53.5214



62.2826, 43.0096, 71.6363



44.2304, 58.4567, 62.4701



13.4400, 13.2051, 15.5780



20.8088, 10.3246, 19.1711



1.3854, 0.6838, 1.4385

Previews

White Background



This preview shows how the XYZ color 46.0019, 34.4786, 53.5207 looks on a white background.

Color Contrast Check

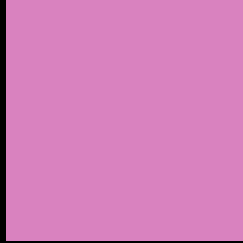
Large Text (above 18pt) WCAG AA × Fail

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 46.0019, 34.4786, 53.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

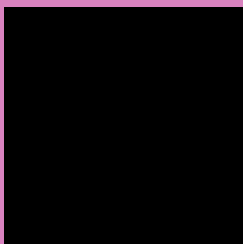
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0019, 34.4786, 53.5207

Background



This preview shows how black text looks on a background with the XYZ color 46.0019, 34.4786, 53.5207.



This preview shows how white text looks on a background with the XYZ color 46.0019, 34.4786,

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

46.0019, 34.4786, 53.5207

Protanopia

35.3669, 34.7868, 65.8233

Deuteranopia

35.2822, 34.5649, 51.2665



Tritanopia

41.6647, 34.3439, 32.8668

Trichromacy



Original Color

46.0019, 34.4786, 53.5207



Protanomaly

38.0078, 33.8372, 61.0279



Deuteranomaly

38.4120, 34.0124, 52.1175



Tritanomaly

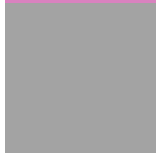
43.0964, 34.3044, 39.4719

Monochromacy



Original Color

46.0019, 34.4786, 53.5207



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

38.1379, 35.2176, 44.3228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0019, 34.4786, 53.5207 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, 130, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 130, 191)  
}
```

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, 130, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 130, 191) }
```

Border

The CSS property to change the border of an element to XYZ 46.0019, 34.4786, 53.5207 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, 130, 191) }
```


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

```
.border{ border-color:rgb(217, 130, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 130, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 130, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 130, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 130,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0019, 34.4786, 53.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 130, 191) }
```

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

```
.background{ background-color: rgb(217,  
130, 191) }
```

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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