

Converting Colors

XYZ(43.9520, 34.1682, 45.1685)

Have a look what the booklet for
XYZ(43.9520, 34.1682, 45.1685)
contains.

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Color

**XYZ(43.9556, 34.2058,
45.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	D685B0
RGB	214, 133, 176
RGB Percent	84%, 52%, 69%
CMY	0.1608, 0.4784, 0.3098
CMYK	0.00, 0.38, 0.18, 0.16
HSL	328°, 50%, 68%
HSV	328°, 38%, 84%
XYZ	43.9556, 34.2058, 45.3600
YIQ	162.1210, 34.4730, 30.5450

Conversions

Conversions Part 2

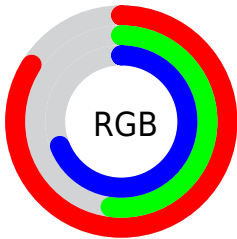
Format	Color
R_{YB}	214, 133, 176
Decimal	14058928
CIE _{Lab}	65.13, 36.98, -9.50
CIE _{LCh}	65, 38.181, 345.593
Yxy	34.2058, 0.3559, 0.2769
Android (android.graphics.Color)	4292249008 (0xFFD685B0)
YUV	162.1210, 6.8423, 45.4979
Hunter-Lab	58.4857, 31.8037, -5.0438

Details

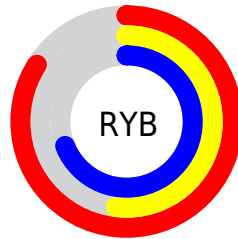
The XYZ color **43.9556, 34.2058, 45.3600** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **41.0717, 56.0210, 47.1791**, and the grayscale version is **34.3579, 36.1472, 39.3643**.

A 20% lighter version of the original color is **73.5758, 62.6268, 84.5543**, and **20.6181, 14.5840, 20.4672** is the 20% darker color. If you saturate the color by 10%, you get **40.3618, 28.5494, 39.4408**, and if you desaturate by 10%, it is **48.2217, 41.0884, 51.8665**.

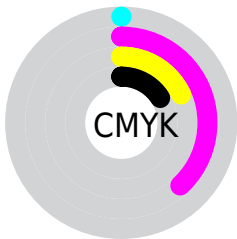
Distribution



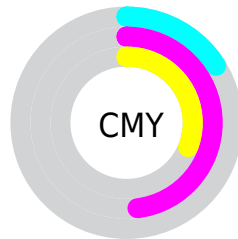
- Red (84%)
- Green (52%)
- Blue (69%)



- Red (84%)
- Yellow (52%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9556, 34.2058, 45.3600 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 43.9556, 34.2058, 45.3600 by changing the saturation by 10% instead.


 43.9556, 34.2058,
45.3600

 43.9556, 34.2058,
45.3600

353.3823,
321.0487, 384.4322

 30.8334, 23.0517,
31.3961


 80.3977, 66.2536,
84.5845

 20.6232, 14.6317,
20.6396


 104.4483, 87.9161,
110.6822

 12.9597, 8.5613,
12.6722


 132.8723,
113.8502, 141.6616

 7.4776, 4.4562,
7.0751

166.0352,
144.4403, 177.9411

 3.8115, 1.9319,
3.4300

204.3023,
180.0708, 219.9394

 1.5961, 0.5674,
1.3182

248.0389,

 0.3898, 0.0000,

221.1262, 268.0750

0.0766

297.6105,
267.9907, 322.7664

■ 0.0000, 0.0000,
0.0000

■ 43.9556, 34.2058,
45.3600

■ 43.9556, 34.2058,
45.3600

■ 40.3618, 28.5494,
39.4408

■ 48.2217, 41.0884,
51.8665

■ 37.3993, 24.0409,
34.0865

■ 53.1920, 49.2599,
58.9775

■ 35.0270, 20.6002,
29.2756


■ 58.9000, 58.7843,
66.7118


■ 33.1972, 18.1349,
24.9839


■ 65.3761, 69.7200,
75.0867


■ 31.8543, 16.5365,
21.1842

■ 72.6487, 82.1218,
84.1185

 30.9202, 15.6516,
17.8414

 78.6672, 91.8864,
93.1305

 30.7463, 15.5021,
17.1722

 80.1696, 92.4874,
101.0419

 81.5418, 93.0363,
108.2678

Harmonies

Analogous

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



40.7284, 34.2058, 62.9227



43.9556, 34.2058, 45.3600



43.8859, 34.2058, 29.6328

Triad

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



43.9556, 34.2058, 45.3600



29.7322, 34.2058, 14.9141



25.6144, 34.2058, 63.5580

Complementary

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



43.9556, 34.2058, 45.3600



41.0717, 56.0210, 47.1791

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.



23.2949, 34.2058, 46.0589



43.9556, 34.2058, 45.3600



25.4816, 34.2058, 19.7191

Square

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



43.9556, 34.2058, 45.3600



35.2340, 34.2058, 14.8255



23.2492, 34.2058, 30.1594



29.9332, 34.2058, 75.2833

Rectangle

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



43.9556, 34.2058, 45.3600



41.9632, 34.2058, 22.1637



23.2492, 34.2058, 30.1594



24.5977, 34.2058, 57.9655

Sweetspot

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



43.9566, 34.2074, 45.3607



84.6984, 82.5720, 95.3524



37.2777, 30.2674, 67.4963



17.8767, 17.2524, 20.0693



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.



43.9566, 34.2074, 45.3607



61.2166, 44.3141, 60.6864



40.5430, 32.8420, 27.3851



12.6960, 12.5299, 14.3393



18.6371, 9.3911, 10.6588



1.1658, 0.5831, 0.8623

Inverse Universe

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



43.9566, 34.2074, 45.3607



61.2166, 44.3141, 60.6864



45.5161, 57.7988, 70.5833



12.6960, 12.5299, 14.3393



18.6371, 9.3911, 10.6588



1.1658, 0.5831, 0.8623

Previews

White Background



This preview shows how the XYZ color 43.9556, 34.2058, 45.3600 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 43.9556, 34.2058, 45.3600 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 43.9556, 34.2058, 45.3600

Background



This preview shows how black text looks on a background with the XYZ color 43.9556, 34.2058, 45.3600.



This preview shows how white text looks on a background with the XYZ color 43.9556, 34.2058,

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

43.9556, 34.2058, 45.3600

Protanopia

34.3339, 34.4990, 54.7186

Deuteranopia

35.1504, 34.4146, 43.8198



Tritanopia

41.3773, 34.1958, 32.8534

Trichromacy



Original Color

43.9556, 34.2058, 45.3600

Protanomaly

36.9084, 33.7237, 51.0184

Deuteranomaly

37.8293, 33.8892, 44.0826

Tritanomaly

42.2135, 34.1086, 37.1596

Monochromacy



Original Color

43.9556, 34.2058, 45.3600

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.0977, 34.7470, 41.3108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9556, 34.2058, 45.3600 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(214, 133, 176)` looks like.

```
.text, #text, p{  
    color:rgb(214, 133, 176)  
}
```

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(214, 133, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 133, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.9556, 34.2058, 45.3600 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(214, 133, 176) }
```


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

```
.border{ border-color:rgb(214, 133, 176) }
```

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

Here you see how a box with a 4 pixel rgb(214, 133, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 133, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 133, 176);  
box-shadow:4px 4px 4px 4px rgb(214, 133,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9556, 34.2058, 45.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 133, 176) }
```

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

```
.background{ background-color: rgb(214,  
133, 176) }
```

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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