

Converting Colors

XYZ(45.1070, 35.0582, 33.1741)

Have a look what the booklet for
XYZ(45.1070, 35.0582, 33.1741)
contains.

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Color

**XYZ(45.2566, 35.1458,
33.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	E28596
RGB	226, 133, 150
RGB Percent	89%, 52%, 59%
CMY	0.1137, 0.4784, 0.4118
CMYK	0.00, 0.41, 0.34, 0.11
HSL	349°, 62%, 70%
HSV	349°, 41%, 89%
XYZ	45.2566, 35.1458, 33.2527
YIQ	162.7450, 49.9710, 25.0030

Conversions

Conversions Part 2

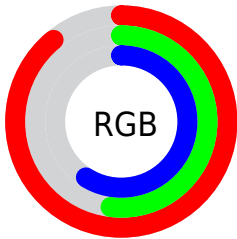
Format	Color
R _Y B	226, 133, 150
Decimal	14845334
CIE Lab	65.86, 37.58, 6.46
CIE LCh	66, 38.134, 9.748
Yxy	35.1458, 0.3982, 0.3092
Android (android.graphics.Color)	4293035414 (0xFFE28596)
YUV	162.7450, -6.2833, 55.4746
Hunter-Lab	59.2839, 32.5179, 8.2426

Details

The XYZ color **45.2566, 35.1458, 33.2527** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.3795, 63.9836, 70.1252**, and the grayscale version is **34.7056, 36.5130, 39.7627**.

A 20% lighter version of the original color is **69.9094, 61.1603, 65.2472**, and **21.3430, 15.1105, 13.5961** is the 20% darker color. If you saturate the color by 10%, you get **41.1168, 29.0616, 25.1043**, and if you desaturate by 10%, it is **50.2984, 42.6584, 42.8590**.

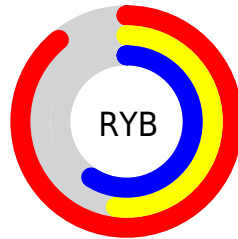
Distribution



Red (89%)

Green (52%)

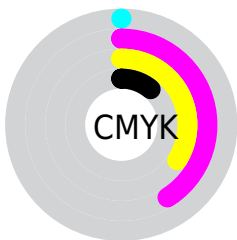
Blue (59%)



Red (89%)

Yellow (52%)

Blue (59%)

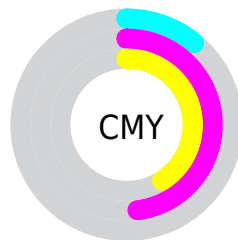


Cyan (0%)

Magenta (41%)

Yellow (34%)

Black (11%)



Cyan (11%)


Magenta (48%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2566, 35.1458, 33.2527 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 45.2566, 35.1458, 33.2527 by changing the saturation by 10% instead.


 45.2566, 35.1458,
33.2527


 45.2566, 35.1458,
33.2527


358.5780,
325.2114, 331.4537


 31.8617, 23.7752,
22.0474


 82.3400, 67.7116,
65.8904

 21.4109, 15.1670,
13.6931


 106.7593, 89.6755,
88.1599

 13.5389, 8.9366,
7.7712


 135.5841,
115.9394, 114.9545

 7.8802, 4.6999,
3.8632

169.1797,
146.8876, 146.6928

 4.0696, 2.0723,
1.5506

207.9116,
182.9045, 183.7934

 1.7416, 0.6490,
0.2552

252.1450,

 0.4821, 0.0000,

224.3745, 226.6747

0.0000

302.2454,
271.6820, 275.7553

0.0000, 0.0000,
0.0000

45.2566, 35.1458,
33.2527

45.2566, 35.1458,
33.2527

41.1168, 29.0616,
25.1043

50.2984, 42.6584,
42.8590

37.8220, 24.3101,
18.3398

56.2888, 51.6769,
53.9883

35.3133, 20.7919,
12.8814

63.2746, 62.2793,
66.7038

33.5225, 18.3915,
8.6428

71.2987, 74.5367,
81.0650

32.3693, 16.9713,
5.5264

80.4014, 88.5159,
97.1279

■ 31.7696, 16.3310,
3.6033

■ 85.1741, 94.9088,
108.4378

Harmonies

Analogous

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



44.6311, 35.1458, 50.0403



45.2566, 35.1458, 33.2527



42.4435, 35.1458, 21.6636

Triad

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



45.2566, 35.1458, 33.2527



26.9474, 35.1458, 19.0302



29.7945, 35.1458, 75.3679

Complementary

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



45.2566, 35.1458, 33.2527



48.3795, 63.9836, 70.1252

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.



25.7505, 35.1458, 61.7247



45.2566, 35.1458, 33.2527



24.2394, 35.1458, 28.5036

Square

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



45.2566, 35.1458, 33.2527



31.6046, 35.1458, 15.1153



23.8274, 35.1458, 43.7634



35.2725, 35.1458, 77.7010

Rectangle

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



45.2566, 35.1458, 33.2527



39.1641, 35.1458, 17.2408



23.8274, 35.1458, 43.7634



28.2402, 35.1458, 71.8016

Sweetspot

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



45.2575, 35.1475, 33.2534



82.2851, 80.4993, 86.0582



48.3966, 35.8159, 76.3140



17.3410, 16.8173, 17.9290



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.



45.2575, 35.1475, 33.2534



54.9696, 39.5347, 34.8209



48.5986, 43.8634, 28.0975



13.8090, 13.7412, 14.7645



18.1560, 9.3294, 2.2214



1.2888, 0.6588, 0.3135

Inverse Universe

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



45.2575, 35.1475, 33.2534



54.9696, 39.5347, 34.8209



43.2660, 50.2074, 79.3623



13.8090, 13.7412, 14.7645



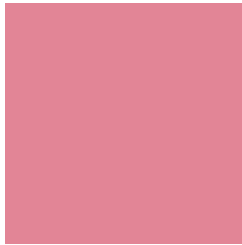
18.1560, 9.3294, 2.2214



1.2888, 0.6588, 0.3135

Previews

White Background



This preview shows how the XYZ color 45.2566, 35.1458, 33.2527 looks on a white background.

Color Contrast Check

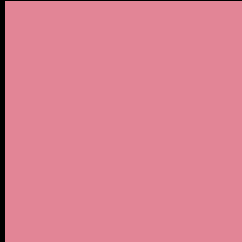
Large Text (above 18pt) WCAG AA × Fail

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 45.2566, 35.1458, 33.2527 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 45.2566, 35.1458, 33.2527

Background



This preview shows how black text looks on a background with the XYZ color 45.2566, 35.1458, 33.2527.



This preview shows how white text looks on a background with the XYZ color 45.2566, 35.1458,

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

45.2566, 35.1458, 33.2527

Protanopia

34.2626, 35.5396, 40.6513

Deuteranopia

35.9657, 35.3418, 32.1202



Tritanopia

44.6105, 35.0714, 30.8038

Trichromacy



Original Color

45.2566, 35.1458, 33.2527

Protanomaly

37.2591, 34.6650, 37.9850

Deuteranomaly

38.7261, 34.8443, 32.2883

Tritanomaly

44.7647, 35.1331, 31.6161

Monochromacy



Original Color

45.2566, 35.1458, 33.2527

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.6495, 35.3642, 37.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2566, 35.1458, 33.2527 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(226, 133, 150)` looks like.

```
.text, #text, p{  
    color:rgb(226, 133, 150)  
}
```

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(226, 133, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 133, 150) }
```

Border

The CSS property to change the border of an element to XYZ 45.2566, 35.1458, 33.2527 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(226, 133, 150) }
```


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

```
.border{ border-color:rgb(226, 133, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 133, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 133, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 133, 150);  
box-shadow:4px 4px 4px 4px rgb(226, 133,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2566, 35.1458, 33.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 133, 150) }
```

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

```
.background{ background-color: rgb(226,  
133, 150) }
```

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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