

Converting Colors

XYZ(45.1982, 34.9773, 35.8216)

Have a look what the booklet for
XYZ(45.1982, 34.9773, 35.8216)
contains.

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Color

**XYZ(45.1287, 35.0227,
35.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	E0859C
RGB	224, 133, 156
RGB Percent	88%, 52%, 61%
CMY	0.1216, 0.4784, 0.3882
CMYK	0.00, 0.41, 0.30, 0.12
HSL	345°, 59%, 70%
HSV	345°, 41%, 88%
XYZ	45.1287, 35.0227, 35.8340
YIQ	162.8310, 46.8530, 26.4450

Conversions

Conversions Part 2

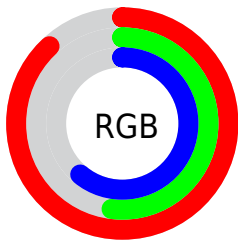
Format	Color
R_{YB}	224, 133, 156
Decimal	14714268
CIE _{Lab}	65.77, 37.63, 2.89
CIE _{LCh}	66, 37.739, 4.396
Yxy	35.0227, 0.3891, 0.3020
Android (android.graphics.Color)	4292904348 (0xFFE0859C)
YUV	162.8310, -3.3677, 53.6452
Hunter-Lab	59.1800, 32.5532, 5.5254

Details

The XYZ color **45.1287, 35.0227, 35.8340** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.8727, 62.5156, 64.8579**, and the grayscale version is **34.7339, 36.5428, 39.7951**.

A 20% lighter version of the original color is **70.6432, 61.4538, 69.1112**, and **21.2181, 15.0118, 15.1438** is the 20% darker color. If you saturate the color by 10%, you get **41.0614, 29.0022, 27.9602**, and if you desaturate by 10%, it is **50.0472, 42.4325, 44.9561**.

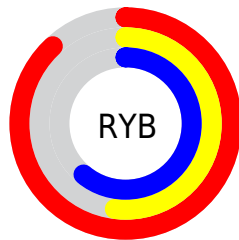
Distribution



Red (88%)

Green (52%)

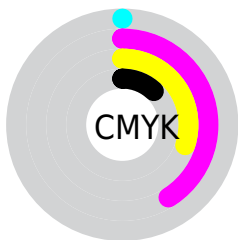
Blue (61%)



Red (88%)

Yellow (52%)

Blue (61%)

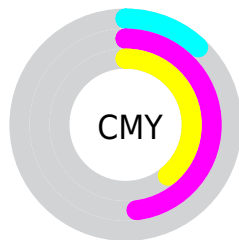


Cyan (0%)

Magenta (41%)

Yellow (30%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1287, 35.0227, 35.8340 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 45.1287, 35.0227, 35.8340 by changing the saturation by 10% instead.


 45.1287, 35.0227,
35.8340


 45.1287, 35.0227,
35.8340

358.0695,
324.6685, 343.2498


 31.7605, 23.6804,
24.0173


 82.1494, 67.5209,
69.9419

 21.3333, 15.0967,
15.1342


 106.5326, 89.4456,
93.0703

 13.4817, 8.8873,
8.7659


 135.3182,
115.6665, 120.8063

 7.8404, 4.6677,
4.4941

168.8715,
146.5681, 153.5685

 4.0439, 2.0537,
1.9001

207.5580,
182.5347, 191.7754

 1.7270, 0.6384,
0.4928

251.7429,


 0.4731, 0.0000,


223.9507, 235.8455


0.0000


301.7916,
271.2005, 286.1975


 0.0000, 0.0000,
0.0000


 45.1287, 35.0227,
35.8340


 45.1287, 35.0227,
35.8340


 41.0614, 29.0022,
27.9602


 50.0472, 42.4325,
44.9561


 37.7924, 24.2788,
21.2768


 55.8598, 51.3060,
55.3765


 35.2676, 20.7572,
15.7242

 62.6098, 61.7184,
67.1451

 33.4242, 18.3267,
11.2365

 70.3367, 73.7380,
80.3084

 32.1884, 16.8557,
7.7400

 79.0781, 87.4292,
94.9106

■ 31.4692, 16.1388,
5.2760

■ 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



43.8925, 35.0227, 52.9581



45.1287, 35.0227, 35.8340



42.9142, 35.0227, 23.3177

Triad

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



45.1287, 35.0227, 35.8340



27.6052, 35.0227, 18.0346



28.8775, 35.0227, 72.9552

Complementary

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



45.1287, 35.0227, 35.8340



46.8727, 62.5156, 64.8579

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.



25.2211, 35.0227, 58.1824



45.1287, 35.0227, 35.8340



24.5459, 35.0227, 26.3714

Square

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



45.1287, 35.0227, 35.8340



32.4750, 35.0227, 15.0239



23.7240, 35.0227, 40.5299



34.1145, 35.0227, 77.5437

Rectangle

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



45.1287, 35.0227, 35.8340



39.9095, 35.0227, 18.2602



23.7240, 35.0227, 40.5299



27.4427, 35.0227, 68.8466

Sweetspot

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



45.1297, 35.0244, 35.8347



82.5877, 80.6203, 87.6513



45.5916, 34.4015, 74.7581



17.4117, 16.8456, 18.3014



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.



45.1297, 35.0244, 35.8347



55.7176, 39.8339, 38.7602



46.5695, 40.7308, 27.6000



13.8486, 13.7571, 14.9731



18.3566, 9.4096, 3.2775



1.3081, 0.6665, 0.4154

Inverse Universe

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



45.1297, 35.0244, 35.8347



55.7176, 39.8339, 38.7602



44.4296, 52.9713, 78.4037



13.8486, 13.7571, 14.9731



18.3566, 9.4096, 3.2775



1.3081, 0.6665, 0.4154

Previews

White Background



This preview shows how the XYZ color 45.1287, 35.0227, 35.8340 looks on a white background.

Color Contrast Check

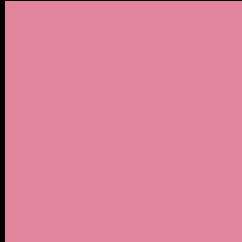
Large Text (above 18pt) WCAG AA × Fail

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 45.1287, 35.0227, 35.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

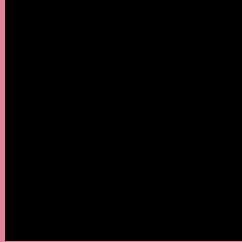
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1287, 35.0227, 35.8340

Background



This preview shows how black text looks on a background with the XYZ color 45.1287, 35.0227, 35.8340.



This preview shows how white text looks on a background with the XYZ color 45.1287, 35.0227,

35.8340.

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

45.1287, 35.0227, 35.8340

Protanopia

34.2460, 35.2101, 43.5194

Deuteranopia

35.9792, 35.2934, 34.6218



Tritanopia

44.2062, 35.0603, 31.2254

Trichromacy



Original Color

45.1287, 35.0227, 35.8340

Protanomaly

37.3177, 34.6331, 40.7944

Deuteranomaly

38.6892, 34.7694, 34.8090

Tritanomaly

44.3813, 34.9081, 32.8326

Monochromacy



Original Color

45.1287, 35.0227, 35.8340

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.5810, 35.3088, 38.0923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1287, 35.0227, 35.8340 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(224, 133, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 156)  
}
```

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(224, 133, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 156) }
```

Border

The CSS property to change the border of an element to XYZ 45.1287, 35.0227, 35.8340 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(224, 133, 156) }
```


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

```
.border{ border-color:rgb(224, 133, 156) }
```

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

Here you see how a box with a 4 pixel rgb(224, 133, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1287, 35.0227, 35.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 133, 156) }
```

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

```
.background{ background-color: rgb(224,  
133, 156) }
```

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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