

Converting Colors

XYZ(45.2055, 33.7156, 34.2622)

Have a look what the booklet for
XYZ(45.2055, 33.7156, 34.2622)
contains.

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Color

**XYZ(45.2055, 33.7156,
34.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	E47E99
RGB	228, 126, 153
RGB Percent	89%, 49%, 60%
CMY	0.1059, 0.5059, 0.4000
CMYK	0.00, 0.45, 0.33, 0.11
HSL	344°, 65%, 69%
HSV	344°, 45%, 89%
XYZ	45.2055, 33.7156, 34.2622
YIQ	159.5760, 52.1250, 30.0210

Conversions

Conversions Part 2

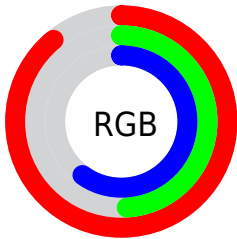
Format	Color
R _Y B	228, 126, 153
Decimal	14974617
CIE Lab	64.74, 42.29, 3.17
CIE LCh	65, 42.408, 4.282
Yxy	33.7156, 0.3994, 0.2979
Android (android.graphics.Color)	4293164697 (0xFFE47E99)
YUV	159.5760, -3.2420, 60.0078
Hunter-Lab	58.0651, 37.3538, 5.6606

Details

The XYZ color **45.2055, 33.7156, 34.2622** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.8918, 64.1402, 65.1706**, and the grayscale version is **33.2172, 34.9470, 38.0573**.

A 20% lighter version of the original color is **69.0264, 58.8127, 66.7454**, and **21.4246, 14.4029, 14.2212** is the 20% darker color. If you saturate the color by 10%, you get **41.3264, 28.0199, 26.6106**, and if you desaturate by 10%, it is **49.9454, 40.8211, 43.1614**.

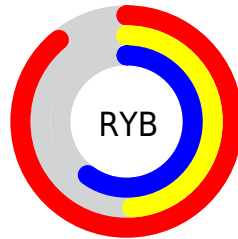
Distribution



Red (89%)

Green (49%)

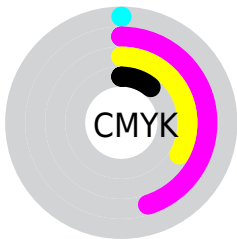
Blue (60%)



Red (89%)

Yellow (49%)

Blue (60%)

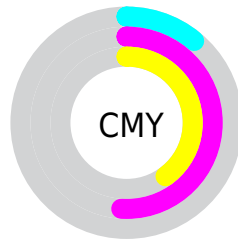


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2055, 33.7156, 34.2622 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 45.2055, 33.7156, 34.2622 by changing the saturation by 10% instead.


 45.2055, 33.7156,
34.2622

 45.2055, 33.7156,
34.2622


358.3749,
318.8621, 336.1044


 31.8213, 22.6752,
22.8161


 82.2639, 65.4912,
67.4798

 21.3799, 14.3539,
14.2538


 106.6687, 86.9951,
90.0883

 13.5160, 8.3672,
8.1566

 135.4779,
112.7557, 117.2547

 7.8643, 4.3308,
4.1061

169.0566,
143.1573, 149.3976

 4.0593, 1.8603,
1.6837

207.7703,
178.5844, 186.9355

 1.7357, 0.5243,
0.3496

251.9844,

 0.4785, 0.0000,

219.4213, 230.2869

0.0000

302.0641,
266.0523, 279.8703

■ 0.0000, 0.0000,
0.0000

■ 45.2055, 33.7156,
34.2622

■ 45.2055, 33.7156,
34.2622

■ 41.3264, 28.0199,
26.6106

■ 49.9454, 40.8211,
43.1614

■ 38.2515, 23.6342,
20.1469

■ 55.5922, 49.4173,
53.3599

■ 35.9215, 20.4539,
14.8090


■ 62.1923, 59.5847,
64.9091


■ 34.2675, 18.3556,
10.5280


■ 69.7876, 71.3968,
77.8568

■ 33.2060, 17.1889,
7.2261

■ 78.4179, 84.9224,
92.2482

 32.8196, 16.8239,
5.8404

 85.5794, 95.1438,
107.2797

 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



43.8017, 33.7156, 53.2800



45.2055, 33.7156, 34.2622



42.7332, 33.7156, 20.8696

Triad

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



45.2055, 33.7156, 34.2622



25.8895, 33.7156, 15.3805



27.2259, 33.7156, 75.9945

Complementary

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



45.2055, 33.7156, 34.2622



46.8918, 64.1402, 65.1706

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.



23.3075, 33.7156, 59.0374



45.2055, 33.7156, 34.2622



22.6073, 33.7156, 23.9908

Square

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



45.2055, 33.7156, 34.2622



31.1790, 33.7156, 12.3877



21.7252, 33.7156, 39.2729



32.9283, 33.7156, 81.3628

Rectangle

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



45.2055, 33.7156, 34.2622



39.3832, 33.7156, 15.6523



21.7252, 33.7156, 39.2729



25.6813, 33.7156, 71.2445

Sweetspot

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



45.2064, 33.7173, 34.2628



81.6922, 79.1712, 86.2989



45.4994, 32.9148, 77.3539



17.0477, 16.2678, 17.7169



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.



45.2064, 33.7173, 34.2628



53.4478, 36.3772, 34.6651



46.6365, 39.7510, 24.9555



14.5328, 14.4303, 15.7403



18.9931, 9.7314, 3.5924



1.4411, 0.7342, 0.4636

Inverse Universe

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



45.2064, 33.7173, 34.2628



53.4478, 36.3772, 34.6651



44.2495, 53.3191, 81.3582



14.5328, 14.4303, 15.7403



18.9931, 9.7314, 3.5924



1.4411, 0.7342, 0.4636

Previews

White Background



This preview shows how the XYZ color 45.2055, 33.7156, 34.2622 looks on a white background.

Color Contrast Check

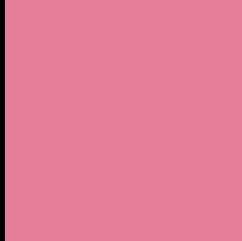
Large Text (above 18pt) WCAG AA × Fail

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 45.2055, 33.7156, 34.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

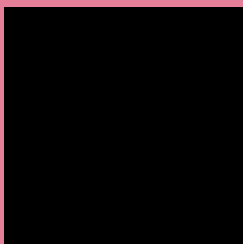
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2055, 33.7156, 34.2622

Background



This preview shows how black text looks on a background with the XYZ color 45.2055, 33.7156, 34.2622.



This preview shows how white text looks on a background with the XYZ color 45.2055, 33.7156,

34.2622.

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

45.2055, 33.7156, 34.2622

Protanopia

32.9495, 33.7851, 43.3126

Deuteranopia

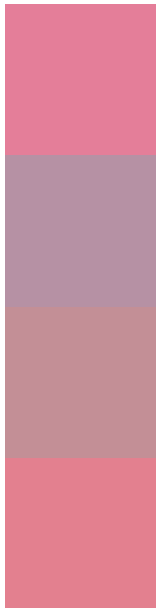
34.5575, 33.8565, 33.1473



Tritanopia

44.1163, 33.8664, 28.2564

Trichromacy



Original Color

45.2055, 33.7156, 34.2622

Protanomaly

36.1176, 32.8762, 39.5641

Deuteranomaly

37.8332, 33.4490, 33.3164

Tritanomaly

44.3557, 33.7524, 30.1637

Monochromacy



Original Color

45.2055, 33.7156, 34.2622

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.6833, 33.9284, 36.5137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2055, 33.7156, 34.2622 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(228, 126, 153)` looks like.

```
.text, #text, p{  
    color:rgb(228, 126, 153)  
}
```

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(228, 126, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 126, 153) }
```

Border

The CSS property to change the border of an element to XYZ 45.2055, 33.7156, 34.2622 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(228, 126, 153) }
```


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

```
.border{ border-color:rgb(228, 126, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 126, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 126, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 126, 153);  
box-shadow:4px 4px 4px 4px rgb(228, 126,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2055, 33.7156, 34.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 126, 153) }
```

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

```
.background{ background-color: rgb(228,  
126, 153) }
```

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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