

Converting Colors

XYZ(50.7280, 40.6711, 45.2476)

Have a look what the booklet for
XYZ(50.7280, 40.6711, 45.2476)
contains.

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Color

**XYZ(50.7068, 40.7464,
45.2367)**

Conversions

Conversions Part 1

Format	Color
Hex	E693AE
RGB	230, 147, 174
RGB Percent	90%, 58%, 68%
CMY	0.0980, 0.4235, 0.3176
CMYK	0.00, 0.36, 0.24, 0.10
HSL	340°, 62%, 74%
HSV	340°, 36%, 90%
XYZ	50.7068, 40.7464, 45.2367
YIQ	174.8950, 40.8010, 25.9930

Conversions

Conversions Part 2

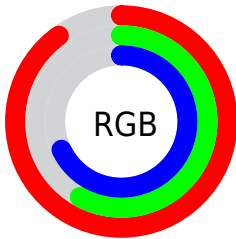
Format	Color
R _Y B	230, 147, 174
Decimal	15111086
CIE Lab	70.00, 34.84, -0.96
CIE LCh	70, 34.853, 358.415
Yxy	40.7464, 0.3710, 0.2981
Android (android.graphics.Color)	4293301166 (0xFFE693AE)
YUV	174.8950, -0.4412, 48.3271
Hunter-Lab	63.8329, 30.0870, 2.6658

Details

The XYZ color **50.7068, 40.7464, 45.2367** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.1107, 67.1095, 66.7628**, and the grayscale version is **40.6817, 42.8003, 46.6095**.

A 20% lighter version of the original color is **76.5034, 69.1582, 83.4454**, and **24.8386, 18.4738, 20.6690** is the 20% darker color. If you saturate the color by 10%, you get **46.0548, 33.7251, 36.6480**, and if you desaturate by 10%, it is **56.2509, 49.2714, 54.9861**.

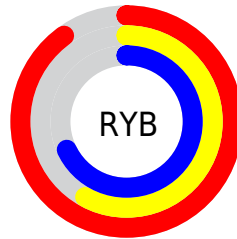
Distribution



Red (90%)

Green (58%)

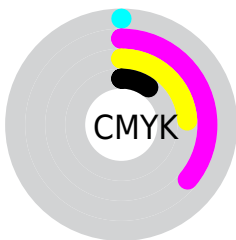
Blue (68%)



Red (90%)

Yellow (58%)

Blue (68%)

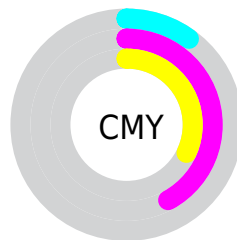


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (10%)



Cyan (10%)


Magenta (42%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7068, 40.7464, 45.2367 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 50.7068, 40.7464, 45.2367 by changing the saturation by 10% instead.


 50.7068, 40.7464,
45.2367


 50.7068, 40.7464,
45.2367


379.8300,
349.2596, 383.9194

 36.1954, 28.1210,
31.2996


 90.4068, 76.2988,
84.3977

 24.7560, 18.4169,
20.5667


 116.3261, 99.9945,
110.4587

 16.0231, 11.2497,
12.6195

146.7788,
128.1491, 141.3980

 9.6314, 6.2350,
7.0394

182.1302,
161.1471, 177.6343

 5.2157, 2.9885,
3.4080

222.7457,
199.3727, 219.5861

 2.4104, 1.1257,
1.3065

268.9906,

 0.8503, 0.0000,

243.2104, 267.6718

0.0671

321.2302,
293.0445, 322.3101

■ 0.0000, 0.0000,
0.0000

■ 50.7068, 40.7464,
45.2367

■ 50.7068, 40.7464,
45.2367

■ 46.0548, 33.7251,
36.6480

■ 56.2509, 49.2714,
54.9861

■ 42.2426, 28.1136,
29.1720

■ 62.7287, 59.3752,
65.9366

■ 39.2178, 23.8166,
22.7608

■ 70.1829, 71.1347,
78.1295

■ 36.9202, 20.7242,
17.3617

■ 78.6530, 84.6201,
91.6032

■ 35.2800, 18.7084,
12.9163

■ 85.8999, 95.3457,
105.6361

■ 34.2120, 17.6109,
9.3585

■ 86.4432, 95.5631,
108.4972

■ 33.8968, 17.3285,
8.1809

Harmonies

Analogous

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



48.7995, 40.7464, 62.8525



50.7068, 40.7464, 45.2367



49.1528, 40.7464, 31.0813

Triad

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



50.7068, 40.7464, 45.2367



33.7589, 40.7464, 22.1459



33.2837, 40.7464, 76.7106

Complementary

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



50.7068, 40.7464, 45.2367



51.1107, 67.1095, 66.7628

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.



29.8928, 40.7464, 60.9812



50.7068, 40.7464, 45.2367



30.1477, 40.7464, 29.9142

Square

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



50.7068, 40.7464, 45.2367



39.0311, 40.7464, 19.8647



28.8024, 40.7464, 43.5064



38.4269, 40.7464, 83.5642

Rectangle

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



50.7068, 40.7464, 45.2367



46.4408, 40.7464, 24.8379



28.8024, 40.7464, 43.5064



31.9206, 40.7464, 72.1228

Sweetspot

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



50.7079, 40.7483, 45.2375



83.8464, 82.2312, 90.8660



49.1656, 39.1859, 79.8355



17.6741, 17.1714, 19.0025



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.



50.7079, 40.7483, 45.2375



59.7610, 44.9548, 49.2516



50.6168, 44.3631, 33.5013



14.5693, 14.4449, 15.9322



19.2403, 9.8303, 4.8943



1.4632, 0.7430, 0.5799

Inverse Universe

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



50.7079, 40.7483, 45.2375



59.7610, 44.9548, 49.2516



50.9156, 61.1146, 83.9759



14.5693, 14.4449, 15.9322



19.2403, 9.8303, 4.8943



1.4632, 0.7430, 0.5799

Previews

White Background



This preview shows how the XYZ color 50.7068, 40.7464, 45.2367 looks on a white background.

Color Contrast Check

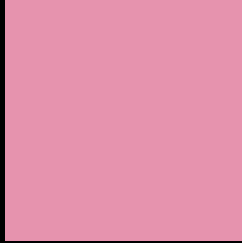
Large Text (above 18pt) WCAG AA × Fail

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 50.7068, 40.7464, 45.2367 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 50.7068, 40.7464, 45.2367

Background



This preview shows how black text looks on a background with the XYZ color 50.7068, 40.7464, 45.2367.



This preview shows how white text looks on a background with the XYZ color 50.7068, 40.7464,

45.2367.

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

50.7068, 40.7464, 45.2367

Protanopia

40.0294, 40.9263, 53.3668

Deuteranopia

41.7259, 40.9041, 44.2242



Tritanopia

49.4936, 40.7261, 38.9705

Trichromacy



Original Color

50.7068, 40.7464, 45.2367

Protanomaly

43.2058, 40.4660, 50.3333

Deuteranomaly

44.4731, 40.4713, 44.4975

Tritanomaly

49.7859, 40.5910, 41.2872

Monochromacy



Original Color

50.7068, 40.7464, 45.2367

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.6987, 41.6075, 46.2853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7068, 40.7464, 45.2367 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(230, 147, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 147, 174)  
}
```

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(230, 147, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 147, 174) }
```

Border

The CSS property to change the border of an element to XYZ 50.7068, 40.7464, 45.2367 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(230, 147, 174) }
```


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

```
.border{ border-color:rgb(230, 147, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 147, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 147, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 147, 174);  
box-shadow:4px 4px 4px 4px rgb(230, 147,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7068, 40.7464, 45.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 147, 174) }
```

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

```
.background{ background-color: rgb(230,  
147, 174) }
```

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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