

Converting Colors

XYZ(40.0528, 25.7074, 30.0984)

Have a look what the booklet for
XYZ(40.0528, 25.7074, 30.0984)
contains.

XYZ(40.0668, 25.7372, 30.0501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.0668, 25.7372,
30.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	E15C92
RGB	225, 92, 146
RGB Percent	88%, 36%, 57%
CMY	0.1176, 0.6392, 0.4274
CMYK	0.00, 0.59, 0.35, 0.12
HSL	336°, 69%, 62%
HSV	336°, 59%, 88%
XYZ	40.0668, 25.7372, 30.0501
YIQ	137.9230, 61.9340, 44.9900

Conversions

Conversions Part 2

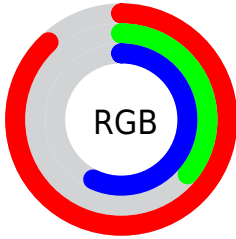
Format	Color
R _{YB}	225, 92, 146
Decimal	14769298
CIE Lab	57.79, 56.86, -3.00
CIE LCh	58, 56.935, 356.984
Yxy	25.7372, 0.4180, 0.2685
Android (android.graphics.Color)	4292959378 (0xFFE15C92)
YUV	137.9230, 3.9820, 76.3665
Hunter-Lab	50.7318, 52.1943, 0.3929

Details

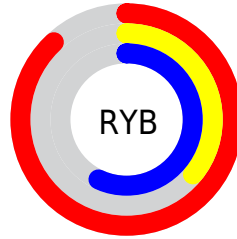
The XYZ color **40.0668, 25.7372, 30.0501** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **38.6910, 59.0667, 47.8936**, and the grayscale version is **24.0980, 25.3529, 27.6093**.

A 20% lighter version of the original color is **62.2552, 46.6099, 60.3590**, and **18.3537, 9.9845, 12.0262** is the 20% darker color. If you saturate the color by 10%, you get **37.4193, 22.0099, 24.3345**, and if you desaturate by 10%, it is **43.4159, 30.6730, 36.5998**.

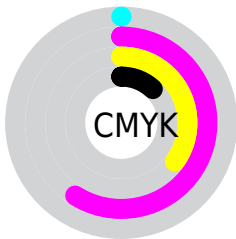
Distribution



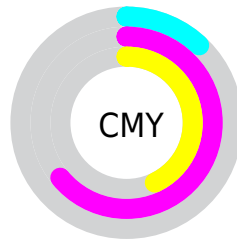
- Red (88%)
- Green (36%)
- Blue (57%)



- Red (88%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (59%)
- Yellow (35%)
- Black (12%)





- Cyan (12%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0668, 25.7372, 30.0501 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 40.0668, 25.7372, 30.0501 by changing the saturation by 10% instead.

 40.0668, 25.7372,
30.0501


 40.0668, 25.7372,
30.0501


337.5346,
281.4896, 316.3525


 27.7751, 16.6271,
19.6242


 74.5489, 52.8507,
60.8033


 18.2958, 9.9690,
11.9408


 97.4700, 71.6229,
81.9678

 11.2635, 5.3784,
6.5814


 124.6650, 94.3846,
107.5489

 6.3130, 2.4710,
3.1272

 156.4991,
121.5202, 137.9651

 3.0788, 0.8620,
1.1600

193.3378,
153.4141, 173.6351

 1.1956, 0.0000,
0.0000

235.5463,

 0.1029, 0.0000,

190.4508, 214.9773

0.0000

283.4902,
233.0144, 262.4102

■ 0.0000, 0.0000,
0.0000

■ 40.0668, 25.7372,
30.0501

■ 40.0668, 25.7372,
30.0501

■ 37.4193, 22.0099,
24.3345

■ 43.4159, 30.6730,
36.5998

■ 35.4142, 19.3796,
19.4119

■ 47.5150, 36.9078,
44.0185

■ 33.9851, 17.7206,
15.2388

■ 52.4102, 44.5281,
52.3407

■ 33.0286, 16.8333,
11.7575

■ 58.1434, 53.6117,
61.5981

■ 32.9547, 16.7689,
11.4759

■ 64.7535, 64.2304,
71.8208

■ 72.2765, 76.4516,
83.0375

■ 80.7468, 90.3383,
95.2755

■ 84.5288, 94.6145,
106.6719

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



37.2148, 25.7372, 53.9298



40.0668, 25.7372, 30.0501



38.1366, 25.7372, 14.1836

Triad

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



40.0668, 25.7372, 30.0501



18.9725, 25.7372, 6.0889



17.9797, 25.7372, 72.8929

Complementary

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



40.0668, 25.7372, 30.0501



38.6910, 59.0667, 47.8936

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.



14.5235, 25.7372, 48.7967



40.0668, 25.7372, 30.0501



15.0173, 25.7372, 12.1155

Square

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



40.0668, 25.7372, 30.0501



25.1602, 25.7372, 4.7412



13.5487, 25.7372, 26.0900



23.7777, 25.7372, 84.8897

Rectangle

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



40.0668, 25.7372, 30.0501



34.5640, 25.7372, 8.5336



13.5487, 25.7372, 26.0900



16.5500, 25.7372, 65.5170

Sweetspot

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



40.0675, 25.7385, 30.0506



78.0318, 72.4967, 83.0863



33.9068, 21.5919, 73.6148



16.1920, 14.7038, 16.9769



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.



40.0675, 25.7385, 30.0506



48.9876, 28.2717, 30.6657



37.8427, 26.4989, 13.2473



13.9367, 13.7923, 15.4369



19.0445, 9.6848, 6.8999



1.3636, 0.6887, 0.7076

Inverse Universe

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



40.0675, 25.7385, 30.0506



48.9876, 28.2717, 30.6657



42.0307, 55.7633, 79.7823



13.9367, 13.7923, 15.4369



19.0445, 9.6848, 6.8999



1.3636, 0.6887, 0.7076

Previews

White Background



This preview shows how the XYZ color 40.0668, 25.7372, 30.0501 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0668, 25.7372, 30.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

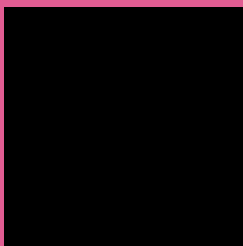
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.0668, 25.7372, 30.0501

Background



This preview shows how black text looks on a background with the XYZ color 40.0668, 25.7372, 30.0501.



This preview shows how white text looks on a background with the XYZ color 40.0668, 25.7372,

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

40.0668, 25.7372, 30.0501

Protanopia

26.0323, 26.0179, 44.2074

Deuteranopia

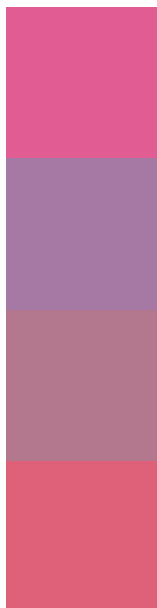
26.4610, 25.9643, 28.0431



Tritanopia

37.3352, 25.7055, 16.9038

Trichromacy



Original Color

40.0668, 25.7372, 30.0501

Protanomaly

29.0553, 24.3544, 38.2915

Deuteranomaly

30.0697, 24.7304, 28.7798

Tritanomaly

38.1573, 25.6178, 21.0228

Monochromacy



Original Color

40.0668, 25.7372, 30.0501

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.2227, 24.1439, 28.3720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0668, 25.7372, 30.0501 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(225, 92, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 92, 146)  
}
```

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(225, 92, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 92, 146) }
```

Border

The CSS property to change the border of an element to XYZ 40.0668, 25.7372, 30.0501 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(225, 92, 146) }
```


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

```
.border{ border-color:rgb(225, 92, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 92, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 92, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 92, 146);  
box-shadow:4px 4px 4px 4px rgb(225, 92,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0668, 25.7372, 30.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 92, 146) }
```

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

```
.background{ background-color: rgb(225, 92,  
146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor