

Converting Colors

XYZ(40.4974, 25.1385, 29.5773)

Have a look what the booklet for
XYZ(40.4974, 25.1385, 29.5773)
contains.

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Color

**XYZ(40.3542, 25.0353,
29.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	E45591
RGB	228, 85, 145
RGB Percent	89%, 33%, 57%
CMY	0.1059, 0.6666, 0.4314
CMYK	0.00, 0.63, 0.36, 0.11
HSL	335°, 73%, 61%
HSV	335°, 63%, 89%
XYZ	40.3542, 25.0353, 29.4935
YIQ	134.5970, 65.9680, 48.9760

Conversions

Conversions Part 2

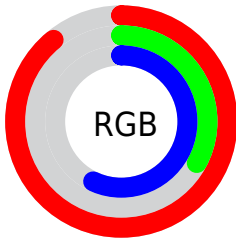
Format	Color
R _Y B	228, 85, 145
Decimal	14964113
CIE Lab	57.11, 60.67, -3.35
CIE LCh	57, 60.761, 356.836
Yxy	25.0353, 0.4253, 0.2639
Android (android.graphics.Color)	4293154193 (0xFFE45591)
YUV	134.5970, 5.1287, 81.9144
Hunter-Lab	50.0353, 56.4011, 0.0760

Details

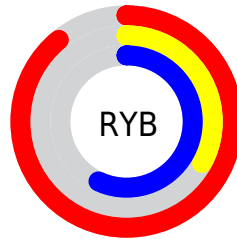
The XYZ color **40.3542, 25.0353, 29.4935** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **38.5590, 60.2458, 46.6458**, and the grayscale version is **22.8456, 24.0354, 26.1746**.

A 20% lighter version of the original color is **61.0737, 44.4333, 59.3904**, and **18.4303, 9.5837, 11.7049** is the 20% darker color. If you saturate the color by 10%, you get **37.8777, 21.6215, 23.9231**, and if you desaturate by 10%, it is **43.5290, 29.6554, 35.8837**.

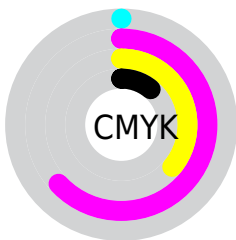
Distribution



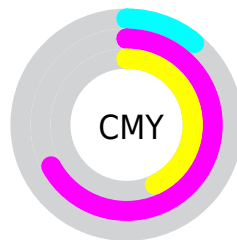
- Red (89%)
- Green (33%)
- Blue (57%)



- Red (89%)
- Yellow (33%)
- Blue (57%)



- Cyan (0%)
- Magenta (63%)
- Yellow (36%)
- Black (11%)





- Cyan (11%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3542, 25.0353, 29.4935 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 40.3542, 25.0353, 29.4935 by changing the saturation by 10% instead.

 40.3542, 25.0353,
29.4935


 40.3542, 25.0353,
29.4935

338.7231,
278.0137, 313.6698


 28.0003, 16.1034,
19.2057


 74.9835, 51.7145,
59.9118


 18.4663, 9.5973,
11.6407


 97.9895, 70.2305,
80.8793

 11.3870, 5.1328,
6.3800


 125.2770, 92.7100,
106.2438

 6.3970, 2.3254,
3.0050

 157.2113,
119.5374, 136.4238

 3.1309, 0.7871,
1.0972

194.1576,
151.0971, 171.8379

 1.2233, 0.0000,
0.0000

236.4815,

 0.1247, 0.0000,

187.7734, 212.9045

0.0000

284.5482,
229.9508, 260.0423

■ 0.0000, 0.0000,
0.0000

■ 40.3542, 25.0353,
29.4935

■ 40.3542, 25.0353,
29.4935

■ 37.8777, 21.6215,
23.9231

■ 43.5290, 29.6554,
35.8837

■ 36.0356, 19.2927,
19.1304

■ 47.4541, 35.5797,
43.1294

■ 34.7544, 17.9089,
15.0700

■ 52.1787, 42.9006,
51.2654

■ 34.0904, 17.3322,
12.5326

■ 57.7469, 51.7007,
60.3239

■ 64.1996, 62.0564,
70.3354

71.5749, 74.0386,
81.3285

79.9087, 87.7139,
93.3309

85.1476, 94.9711,
105.0065

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.



37.2772, 25.0353, 55.0095



40.3542, 25.0353, 29.4935



38.3115, 25.0353, 13.0553

Triad

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



40.3542, 25.0353, 29.4935



18.1068, 25.0353, 5.0449



17.0320, 25.0353, 75.3641

Complementary

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



40.3542, 25.0353, 29.4935



38.5590, 60.2458, 46.6458

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.



13.5053, 25.0353, 49.2079



40.3542, 25.0353, 29.4935



14.0329, 25.0353, 10.8815

Square

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



40.3542, 25.0353, 29.4935



24.5632, 25.0353, 3.8042



12.5281, 25.0353, 25.1407



23.0436, 25.0353, 88.6019

Rectangle

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



40.3542, 25.0353, 29.4935



34.5079, 25.0353, 7.4311



12.5281, 25.0353, 25.1407



15.5667, 25.0353, 67.3058

Sweetspot

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



40.3549, 25.0366, 29.4939



77.2921, 71.2072, 82.2549



32.9863, 20.2107, 75.5612



16.0517, 14.4549, 16.8328



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.



40.3549, 25.0366, 29.4939



48.0925, 26.9119, 29.0410



37.6859, 25.2520, 11.4839



14.6266, 14.4678, 16.2340



19.7413, 10.0307, 7.5325



1.5043, 0.7594, 0.7962

Inverse Universe

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



40.3549, 25.0366, 29.4939



48.0925, 26.9119, 29.0410



42.9433, 57.9185, 82.3147



14.6266, 14.4678, 16.2340



19.7413, 10.0307, 7.5325



1.5043, 0.7594, 0.7962

Previews

White Background



This preview shows how the XYZ color 40.3542, 25.0353, 29.4935 looks on a white background.

Color Contrast Check

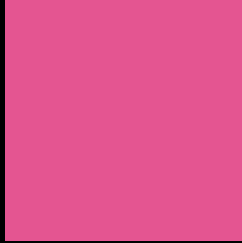
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3542, 25.0353, 29.4935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

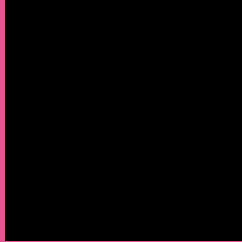
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.3542, 25.0353, 29.4935

Background



This preview shows how black text looks on a background with the XYZ color 40.3542, 25.0353, 29.4935.



This preview shows how white text looks on a background with the XYZ color 40.3542, 25.0353,

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

40.3542, 25.0353, 29.4935

Protanopia

25.5924, 25.3347, 45.6607

Deuteranopia

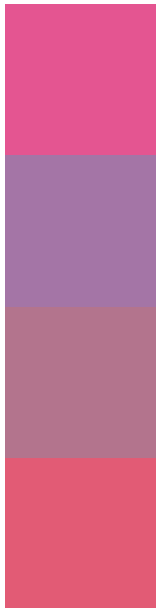
25.7375, 25.1893, 27.5503



Tritanopia

37.4925, 25.1316, 15.1867

Trichromacy



Original Color

40.3542, 25.0353, 29.4935

Protanomaly

28.5541, 23.3683, 39.0820

Deuteranomaly

29.6435, 23.9976, 28.2689

Tritanomaly

38.3160, 24.9353, 19.6231

Monochromacy



Original Color

40.3542, 25.0353, 29.4935

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.3837, 23.0217, 27.4264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3542, 25.0353, 29.4935 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, 85, 145)` looks like.

```
.text, #text, p{  
    color:rgb(228, 85, 145)  
}
```

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, 85, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 85, 145) }
```

Border

The CSS property to change the border of an element to XYZ 40.3542, 25.0353, 29.4935 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, 85, 145) }
```


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

```
.border{ border-color:rgb(228, 85, 145) }
```

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

Here you see how a box with a 4 pixel rgb(228, 85, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 85, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 85, 145);  
box-shadow:4px 4px 4px 4px rgb(228, 85,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3542, 25.0353, 29.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 85, 145) }
```

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

```
.background{ background-color: rgb(228, 85,  
145) }
```

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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