

Converting Colors

XYZ(40.5940, 24.6148, 29.0801)

Have a look what the booklet for
XYZ(40.5940, 24.6148, 29.0801)
contains.

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Color

**XYZ(40.5358, 24.5739,
28.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	E65090
RGB	230, 80, 144
RGB Percent	90%, 31%, 56%
CMY	0.0980, 0.6862, 0.4353
CMYK	0.00, 0.65, 0.37, 0.10
HSL	334°, 75%, 61%
HSV	334°, 65%, 90%
XYZ	40.5358, 24.5739, 28.9923
YIQ	132.1460, 68.8560, 51.7040

Conversions

Conversions Part 2

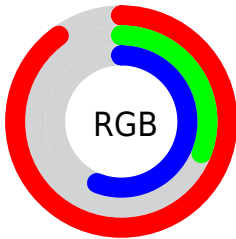
Format	Color
R _Y B	230, 80, 144
Decimal	15093904
CIE Lab	56.66, 63.18, -3.40
CIE LCh	57, 63.271, 356.923
Yxy	24.5739, 0.4308, 0.2611
Android (android.graphics.Color)	4293283984 (0xFFE65090)
YUV	132.1460, 5.8440, 85.8180
Hunter-Lab	49.5721, 59.2109, 0.0246

Details

The XYZ color **40.5358, 24.5739, 28.9923** 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 **38.4895, 61.0529, 45.8361**, and the grayscale version is **21.9481, 23.0911, 25.1463**.

A 20% lighter version of the original color is **60.3787, 43.2285, 58.5877**, and **18.6088, 9.3759, 11.4186** is the 20% darker color. If you saturate the color by 10%, you get **38.1807, 21.3837, 23.5215**, and if you desaturate by 10%, it is **43.5861, 28.9660, 35.2762**.

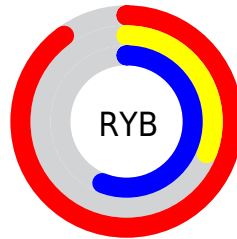
Distribution



Red (90%)

Green (31%)

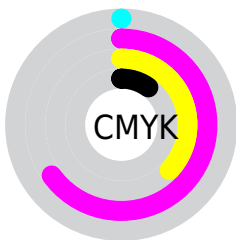
Blue (56%)



Red (90%)

Yellow (31%)

Blue (56%)

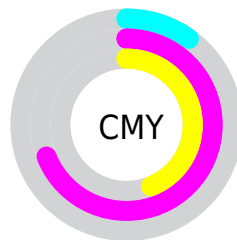


Cyan (0%)

Magenta (65%)

Yellow (37%)

Black (10%)



Cyan (10%)


Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5358, 24.5739, 28.9923 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 40.5358, 24.5739, 28.9923 by changing the saturation by 10% instead.

 40.5358, 24.5739,
28.9923


 40.5358, 24.5739,
28.9923


339.4726,
275.7092, 311.2384


 28.1426, 15.7599,
18.8295


 75.2579, 50.9651,
59.1069


 18.5742, 9.3544,
11.3716


 98.3175, 69.3111,
79.8957

 11.4652, 4.9731,
6.2000


 125.6633, 91.6032,
105.0637

 6.4502, 2.2315,
2.8963


 157.6606,
118.2258, 135.0292

 3.1640, 0.7371,
1.0419

194.6749,
149.5633, 170.2109

 1.2411, 0.0000,
0.0000

237.0714,

 0.1384, 0.0000,

186.0001, 211.0273

0.0000

285.2155,
227.9206, 257.8970

■ 0.0000, 0.0000,
0.0000

■ 40.5358, 24.5739,
28.9923

■ 40.5358, 24.5739,
28.9923

■ 38.1807, 21.3837,
23.5215

■ 43.5861, 28.9660,
35.2762

■ 36.4532, 19.2667,
18.8207

■ 47.3863, 34.6634,
42.4097


■ 35.2739, 18.0709,
14.8427


■ 51.9879, 41.7630,
50.4283


■ 34.8437, 17.7072,
13.1680


■ 57.4367, 50.3511,
59.3647

■ 63.7752, 60.5071,
69.2495

 71.0429, 72.3047,
80.1120

 79.2767, 85.8130,
91.9799

 85.5700, 95.2137,
103.8995

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



37.3400, 24.5739, 55.5423



40.5358, 24.5739, 28.9923



38.3885, 24.5739, 12.2777

Triad

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



40.5358, 24.5739, 28.9923



17.5154, 24.5739, 4.4438



16.4515, 24.5739, 77.1340

Complementary

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



40.5358, 24.5739, 28.9923



38.4895, 61.0529, 45.8361

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.



12.8721, 24.5739, 49.6322



40.5358, 24.5739, 28.9923



13.3896, 24.5739, 10.1692

Square

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



40.5358, 24.5739, 28.9923



24.1248, 24.5739, 3.2583



11.8810, 24.5739, 24.6393



22.6052, 24.5739, 91.0899

Rectangle

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



40.5358, 24.5739, 28.9923



34.4204, 24.5739, 6.7249



11.8810, 24.5739, 24.6393



14.9612, 24.5739, 68.6386

Sweetspot

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



40.5365, 24.5752, 28.9927



76.5272, 69.9235, 81.2410



32.6700, 19.4515, 76.8955



15.9045, 14.2062, 16.6429



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.



40.5365, 24.5752, 28.9927



47.4636, 26.0199, 27.7037



37.7382, 24.7160, 10.3727



14.6309, 14.4696, 16.2568



19.7849, 10.0482, 7.7624



1.5077, 0.7608, 0.8143

Inverse Universe

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



40.5365, 24.5752, 28.9927



47.4636, 26.0199, 27.7037



43.1853, 58.6057, 83.8988



14.6309, 14.4696, 16.2568



19.7849, 10.0482, 7.7624



1.5077, 0.7608, 0.8143

Previews

White Background



This preview shows how the XYZ color 40.5358, 24.5739, 28.9923 looks on a white background.

Color Contrast Check

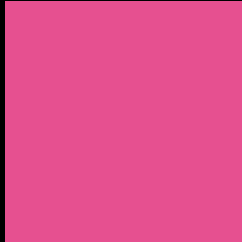
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.5358, 24.5739, 28.9923 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 40.5358, 24.5739, 28.9923

Background



This preview shows how black text looks on a background with the XYZ color 40.5358, 24.5739, 28.9923.



This preview shows how white text looks on a background with the XYZ color 40.5358, 24.5739,

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

40.5358, 24.5739, 28.9923

Protanopia

25.1128, 24.8677, 46.1242

Deuteranopia

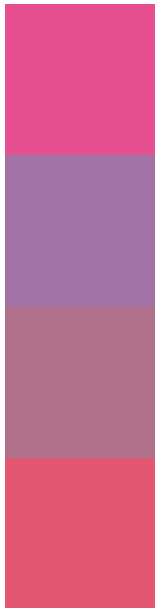
25.0896, 24.6697, 26.7319



Tritanopia

37.5773, 24.6761, 14.0917

Trichromacy



Original Color

40.5358, 24.5739, 28.9923

Protanomaly

28.1179, 22.8012, 38.9955

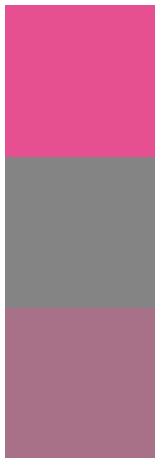
Deuteranomaly

28.9254, 23.1393, 27.3679

Tritanomaly

38.4404, 24.5253, 18.6274

Monochromacy



Original Color

40.5358, 24.5739, 28.9923

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.4975, 21.9127, 26.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5358, 24.5739, 28.9923 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, 80, 144)` looks like.

```
.text, #text, p{  
  color:rgb(230, 80, 144)  
}
```

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, 80, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 80, 144) }
```

Border

The CSS property to change the border of an element to XYZ 40.5358, 24.5739, 28.9923 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, 80, 144) }
```


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

```
.border{ border-color:rgb(230, 80, 144) }
```

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

Here you see how a box with a 4 pixel rgb(230, 80, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 80, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 80, 144);  
box-shadow:4px 4px 4px 4px rgb(230, 80,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5358, 24.5739, 28.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 80, 144) }
```

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

```
.background{ background-color: rgb(230, 80,  
144) }
```

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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