

Converting Colors

XYZ(40.4548, 25.0702, 18.8198)

Have a look what the booklet for
XYZ(40.4548, 25.0702, 18.8198)
contains.

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Color

**XYZ(40.4487, 25.0865,
18.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5373
RGB	235, 83, 115
RGB Percent	92%, 33%, 45%
CMY	0.0784, 0.6745, 0.5490
CMYK	0.00, 0.65, 0.51, 0.08
HSL	347°, 79%, 62%
HSV	347°, 65%, 92%
XYZ	40.4487, 25.0865, 18.9299
YIQ	132.0960, 80.3200, 42.1760

Conversions

Conversions Part 2

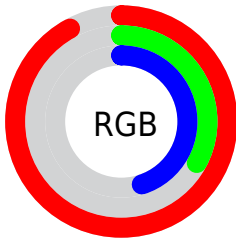
Format	Color
R_{YB}	235, 83, 115
Decimal	15422323
CIE Lab	57.16, 60.75, 14.51
CIE LCh	57, 62.457, 13.436
Yxy	25.0865, 0.4789, 0.2970
Android (android.graphics.Color)	4293612403 (0xFFEB5373)
YUV	132.0960, -8.4283, 90.2468
Hunter-Lab	50.0864, 56.5014, 12.6522

Details

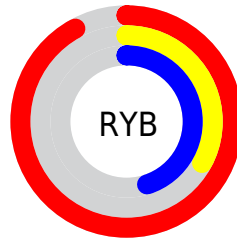
The XYZ color **40.4487, 25.0865, 18.9299** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **44.0569, 65.5681, 66.8392**, and the grayscale version is **21.9771, 23.1217, 25.1795**.

A 20% lighter version of the original color is **57.5931, 42.8062, 41.7861**, and **18.6001, 9.6669, 6.1957** is the 20% darker color. If you saturate the color by 10%, you get **37.9831, 21.6955, 13.3602**, and if you desaturate by 10%, it is **43.7395, 29.7843, 25.8352**.

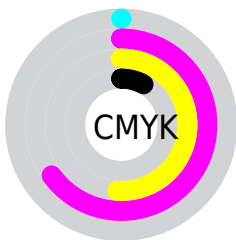
Distribution



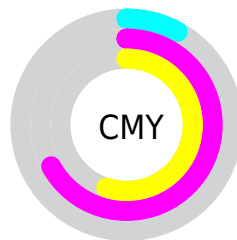
- Red (92%)
- Green (33%)
- Blue (45%)



- Red (92%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (65%)
- Yellow (51%)
- Black (8%)





- Cyan (8%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4487, 25.0865, 18.9299 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 40.4487, 25.0865, 18.9299 by changing the saturation by 10% instead.


 40.4487, 25.0865,
18.9299


 40.4487, 25.0865,
18.9299

339.1132,
278.2684, 258.4713


 28.0743, 16.1415,
11.4433


 75.1263, 51.7975,
42.4507


 18.5224, 9.6243,
6.2480


 98.1602, 70.3323,
59.3221

 11.4277, 5.1506,
2.9252


 125.4781, 92.8326,
80.1588

 6.4247, 2.3359,
1.0566

 157.4452,
119.6826, 105.3794

 3.1481, 0.7926,
0.0000

194.4269,
151.2668, 135.4024

 1.2325, 0.0000,
0.0000

236.7886,

 0.1318, 0.0000,

187.9695, 170.6463

0.0000

284.8956,
230.1753, 211.5298

■ 0.0000, 0.0000,
0.0000

■ 40.4487, 25.0865,
18.9299

■ 40.4487, 25.0865,
18.9299

■ 37.9831, 21.6955,
13.3602

■ 43.7395, 29.7843,
25.8352

■ 36.2633, 19.4730,
9.0350

■ 47.9210, 35.9004,
34.1558


■ 35.1968, 18.2569,
5.8528


■ 53.0541, 43.5391,
43.9668


■ 34.8250, 17.8878,
4.5744

■ 59.1935, 52.7936,
55.3370

■ 66.3900, 63.7497,
68.3313

 74.6908, 76.4871,
83.0107

 84.1401, 91.0806,
99.4328

 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



40.1647, 25.0865, 40.5916



40.4487, 25.0865, 18.9299



35.6820, 25.0865, 7.8373

Triad

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



40.4487, 25.0865, 18.9299



15.3693, 25.0865, 7.1757



20.0288, 25.0865, 87.5839

Complementary

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



40.4487, 25.0865, 18.9299



44.0569, 65.5681, 66.8392

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.



14.9650, 25.0865, 65.7871



40.4487, 25.0865, 18.9299



12.6791, 25.0865, 17.3038

Square

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



40.4487, 25.0865, 18.9299



20.7011, 25.0865, 3.8055



12.5483, 25.0865, 37.8695



27.2899, 25.0865, 88.8360

Rectangle

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



40.4487, 25.0865, 18.9299



30.7573, 25.0865, 4.7233



12.5483, 25.0865, 37.8695



18.0529, 25.0865, 82.0522

Sweetspot

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



40.4493, 25.0879, 18.9303



75.9355, 70.6645, 75.1111



42.4650, 24.7522, 81.1364



15.7275, 14.3252, 15.1255



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.



40.4493, 25.0879, 18.9303



44.8620, 24.9792, 14.0035



43.2928, 33.2273, 12.3173



15.1952, 15.1059, 16.3131



19.4194, 9.9704, 2.7438



1.5593, 0.7967, 0.3965

Inverse Universe

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



40.4493, 25.0879, 18.9303



44.8620, 24.9792, 14.0035



37.3990, 45.5086, 85.4098



15.1952, 15.1059, 16.3131



19.4194, 9.9704, 2.7438



1.5593, 0.7967, 0.3965

Previews

White Background



This preview shows how the XYZ color 40.4487, 25.0865, 18.9299 looks on a white background.

Color Contrast Check

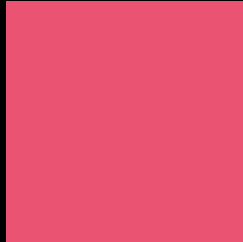
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4487, 25.0865, 18.9299 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 40.4487, 25.0865, 18.9299

Background



This preview shows how black text looks on a background with the XYZ color 40.4487, 25.0865, 18.9299.

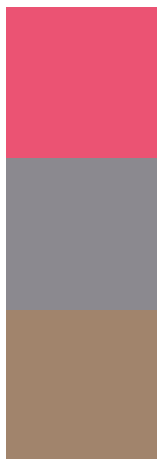


This preview shows how white text looks on a background with the XYZ color 40.4487, 25.0865,

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

40.4487, 25.0865, 18.9299

Protanopia

24.5510, 25.3635, 29.5883

Deuteranopia

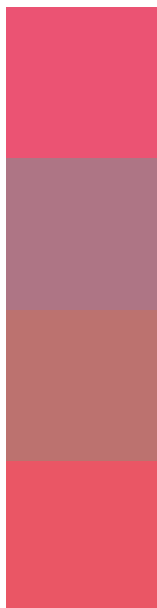
25.6560, 25.1623, 17.6920



Tritanopia

39.3157, 25.0991, 13.1284

Trichromacy



Original Color

40.4487, 25.0865, 18.9299

Protanomaly

28.0505, 23.4147, 25.2314

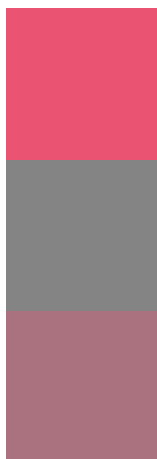
Deuteranomaly

29.6256, 23.8737, 18.0856

Tritanomaly

39.6084, 25.0876, 15.0667

Monochromacy



Original Color

40.4487, 25.0865, 18.9299

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.1454, 21.9760, 22.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4487, 25.0865, 18.9299 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(235, 83, 115)` looks like.

```
.text, #text, p{  
    color:rgb(235, 83, 115)  
}
```

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(235, 83, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 83, 115) }
```

Border

The CSS property to change the border of an element to XYZ 40.4487, 25.0865, 18.9299 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(235, 83, 115) }
```


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

```
.border{ border-color:rgb(235, 83, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 83, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 83, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 83, 115);  
box-shadow:4px 4px 4px 4px rgb(235, 83,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4487, 25.0865, 18.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 83, 115) }
```

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

```
.background{ background-color: rgb(235, 83,  
115) }
```

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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