

Converting Colors

XYZ(41.0263, 26.8400, 20.4711)

Have a look what the booklet for
XYZ(41.0263, 26.8400, 20.4711)
contains.

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Color

**XYZ(41.0263, 26.8400,
20.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	E95F77
RGB	233, 95, 119
RGB Percent	91%, 37%, 47%
CMY	0.0863, 0.6274, 0.5333
CMYK	0.00, 0.59, 0.49, 0.09
HSL	350°, 76%, 64%
HSV	350°, 59%, 91%
XYZ	41.0263, 26.8400, 20.4711
YIQ	138.9980, 74.5440, 36.7200

Conversions

Conversions Part 2

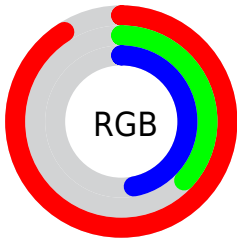
Format	Color
R_{YB}	233, 95, 119
Decimal	15294327
CIE _{Lab}	58.83, 55.35, 14.44
CIE _{LCh}	59, 57.198, 14.618
Yxy	26.8400, 0.4644, 0.3038
Android (android.graphics.Color)	4293484407 (0xFFE95F77)
YUV	138.9980, -9.8590, 82.4398
Hunter-Lab	51.8073, 50.6916, 12.8373

Details

The XYZ color **41.0263, 26.8400, 20.4711** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **45.3686, 65.3149, 70.5422**, and the grayscale version is **24.5576, 25.8365, 28.1359**.

A 20% lighter version of the original color is **59.4970, 46.0130, 44.2736**, and **18.8122, 10.5487, 7.0058** is the 20% darker color. If you saturate the color by 10%, you get **38.1910, 22.8360, 14.3886**, and if you desaturate by 10%, it is **44.7246, 32.1954, 27.9967**.

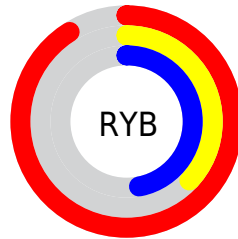
Distribution



Red (91%)

Green (37%)

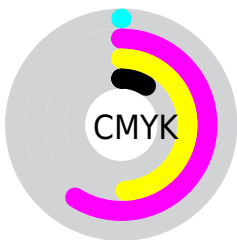
Blue (47%)



Red (91%)

Yellow (37%)

Blue (47%)

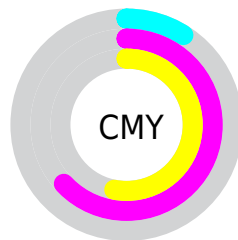


Cyan (0%)

Magenta (59%)

Yellow (49%)

Black (9%)



Cyan (9%)


Magenta (63%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0263, 26.8400, 20.4711 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 41.0263, 26.8400, 20.4711 by changing the saturation by 10% instead.


 41.0263, 26.8400,
20.4711


 41.0263, 26.8400,
20.4711

341.4912,
286.8816, 267.1423

 28.5274, 17.4531,
12.5505


 75.9983, 54.6270,
45.0749


 18.8661, 10.5581,
6.9927


 99.2020, 73.7959,
62.5952

 11.6770, 5.7705,
3.3791


 126.7048, 96.9943,
84.1525

 6.5948, 2.7060,
1.2913

 158.8720,
124.6065, 110.1652

 3.2540, 0.9803,
0.0547

196.0688,
157.0169, 141.0521

 1.2895, 0.0000,
0.0000

238.6608,

 0.1753, 0.0000,

194.6100, 177.2315

0.0000

287.0131,
237.7701, 219.1220

■ 0.0000, 0.0000,
0.0000

■ 41.0263, 26.8400,
20.4711

■ 41.0263, 26.8400,
20.4711

■ 38.1910, 22.8360,
14.3886

■ 44.7246, 32.1954,
27.9967

■ 36.1446, 20.0577,
9.6537

■ 49.3475, 39.0046,
37.0496

■ 34.8033, 18.3632,
6.1610

■ 54.9534, 47.3650,
47.7090

■ 34.0418, 17.5301,
3.7804

■ 61.5953, 57.3644,
60.0483

■ 33.9960, 17.4803,
3.6356

■ 69.3222, 69.0840,
74.1360

■ 78.1800, 82.5994,
90.0371

■ 87.2124, 95.9829,
107.4799

■ 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



40.9620, 26.8400, 40.7949



41.0263, 26.8400, 20.4711



36.4424, 26.8400, 9.5419

Triad

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



41.0263, 26.8400, 20.4711



17.1158, 26.8400, 9.3691



22.0772, 26.8400, 85.0061

Complementary

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



41.0263, 26.8400, 20.4711



45.3686, 65.3149, 70.5422

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.



17.0179, 26.8400, 65.9102



41.0263, 26.8400, 20.4711



14.5345, 26.8400, 20.0786

Square

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



41.0263, 26.8400, 20.4711



22.2363, 26.8400, 5.4404



14.5023, 26.8400, 40.1726



29.0915, 26.8400, 85.2798

Rectangle

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



41.0263, 26.8400, 20.4711



31.7820, 26.8400, 6.2947



14.5023, 26.8400, 40.1726



20.1238, 26.8400, 80.2876

Sweetspot

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



41.0270, 26.8415, 20.4716



76.5999, 71.9240, 75.5461



44.7294, 27.4357, 80.0288



15.8470, 14.5658, 15.1602



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.



41.0270, 26.8415, 20.4716



46.2574, 27.1797, 16.2887



44.8602, 36.5301, 15.5151



15.1724, 15.0968, 16.1929



19.3215, 9.9313, 2.2282



1.5483, 0.7923, 0.3387

Inverse Universe

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



41.0270, 26.8415, 20.4716



46.2574, 27.1797, 16.2887



37.6909, 44.8420, 83.7595



15.1724, 15.0968, 16.1929



19.3215, 9.9313, 2.2282



1.5483, 0.7923, 0.3387

Previews

White Background



This preview shows how the XYZ color 41.0263, 26.8400, 20.4711 looks on a white background.

Color Contrast Check

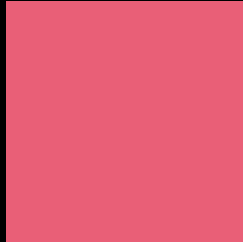
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0263, 26.8400, 20.4711 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 41.0263, 26.8400, 20.4711

Background



This preview shows how black text looks on a background with the XYZ color 41.0263, 26.8400, 20.4711.



This preview shows how white text looks on a background with the XYZ color 41.0263, 26.8400,

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

41.0263, 26.8400, 20.4711

Protanopia

25.9844, 26.9622, 29.8213

Deuteranopia

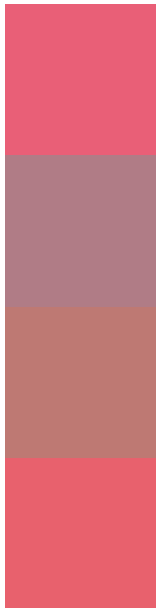
27.5107, 26.9076, 19.3665



Tritanopia

40.1451, 26.8906, 16.1712

Trichromacy



Original Color

41.0263, 26.8400, 20.4711

Protanomaly

29.4152, 25.3666, 25.9002

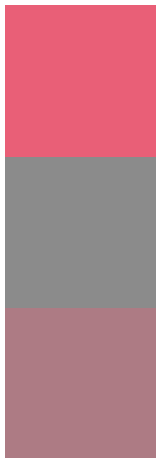
Deuteranomaly

31.1671, 25.8597, 19.5684

Tritanomaly

40.3137, 26.8093, 17.5179

Monochromacy



Original Color

41.0263, 26.8400, 20.4711

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.4814, 24.7161, 25.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0263, 26.8400, 20.4711 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(233, 95, 119)` looks like.

```
.text, #text, p{  
    color:rgb(233, 95, 119)  
}
```

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(233, 95, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 95, 119) }
```

Border

The CSS property to change the border of an element to XYZ 41.0263, 26.8400, 20.4711 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(233, 95, 119) }
```


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

```
.border{ border-color:rgb(233, 95, 119) }
```

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

Here you see how a box with a 4 pixel rgb(233, 95, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 95, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 95, 119);  
box-shadow:4px 4px 4px 4px rgb(233, 95,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0263, 26.8400, 20.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 95, 119) }
```

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

```
.background{ background-color: rgb(233, 95,  
119) }
```

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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