

Converting Colors

XYZ(41.2752, 26.1015, 17.6994)

Have a look what the booklet for
XYZ(41.2752, 26.1015, 17.6994)
contains.

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Color

**XYZ(41.2292, 26.1098,
17.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	ED586E
RGB	237, 88, 110
RGB Percent	93%, 35%, 43%
CMY	0.0706, 0.6549, 0.5686
CMYK	0.00, 0.63, 0.54, 0.07
HSL	351°, 81%, 64%
HSV	351°, 63%, 93%
XYZ	41.2292, 26.1098, 17.6185
YIQ	135.0590, 81.7420, 38.4300

Conversions

Conversions Part 2

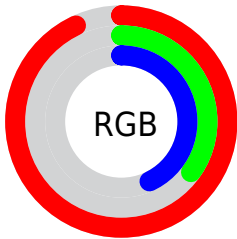
Format	Color
R_{YB}	237, 88, 110
Decimal	15554670
CIE _{Lab}	58.14, 58.92, 18.84
CIE _{LCh}	58, 61.860, 17.736
Yxy	26.1098, 0.4853, 0.3073
Android (android.graphics.Color)	4293744750 (0xFFED586E)
YUV	135.0590, -12.3541, 89.4023
Hunter-Lab	51.0977, 54.6051, 15.3252

Details

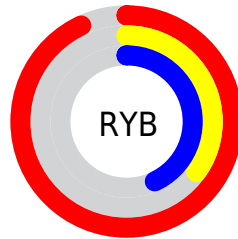
The XYZ color **41.2292, 26.1098, 17.6185** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **46.5762, 67.5499, 74.8793**, and the grayscale version is **23.0754, 24.2771, 26.4378**.

A 20% lighter version of the original color is **57.6463, 43.7797, 39.1303**, and **18.9030, 10.1261, 5.6609** is the 20% darker color. If you saturate the color by 10%, you get **38.6126, 22.4410, 11.9244**, and if you desaturate by 10%, it is **44.7299, 31.1459, 24.8446**.

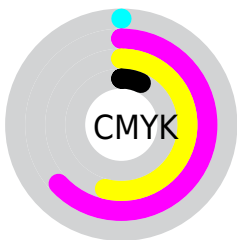
Distribution



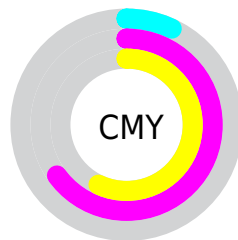
- Red (93%)
- Green (35%)
- Blue (43%)



- Red (93%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (63%)
- Yellow (54%)
- Black (7%)





- Cyan (7%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2292, 26.1098, 17.6185 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 41.2292, 26.1098, 17.6185 by changing the saturation by 10% instead.


 41.2292, 26.1098,
17.6185


 41.2292, 26.1098,
17.6185

342.3239,
283.3207, 250.8753


 28.6867, 16.9058,
10.5098


 76.3042, 53.4520,
40.1913


 18.9870, 10.1674,
5.6283


 99.5674, 72.3590,
56.4925

 11.7648, 5.5101,
2.5553


 127.1349, 95.2692,
76.6950

 6.6548, 2.5495,
0.8692

 159.3720,
122.5669, 101.2173

 3.2916, 0.9014,
0.0000

196.6441,
154.6364, 130.4779

 1.3098, 0.0000,
0.0000

239.3166,

 0.1905, 0.0000,

191.8623, 164.8954

0.0000

287.7547,
234.6290, 204.8884

■ 0.0000, 0.0000,
0.0000

■ 41.2292, 26.1098,
17.6185

■ 41.2292, 26.1098,
17.6185

■ 38.6126, 22.4410,
11.9244

■ 44.7299, 31.1459,
24.8446

■ 36.7971, 20.0006,
7.6489

■ 49.1837, 37.6619,
33.7023


■ 35.6866, 18.6276,
4.6642


■ 54.6550, 45.7636,
44.2841


■ 35.2279, 18.1256,
3.2305

■ 61.2019, 55.5459,
56.6752

■ 68.8780, 67.0963,
70.9550

 77.7336, 80.4961,
87.1983

 87.8157, 95.8216,
105.4758

 88.7348, 96.7444,
108.6045

Harmonies

Analogous

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



41.7307, 26.1098, 38.1282



41.2292, 26.1098, 17.6185



35.8254, 26.1098, 7.5179

Triad

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



41.2292, 26.1098, 17.6185



15.6063, 26.1098, 8.7253



21.8795, 26.1098, 90.8384

Complementary

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



41.2292, 26.1098, 17.6185



46.5762, 67.5499, 74.8793

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.



16.3313, 26.1098, 71.2181



41.2292, 26.1098, 17.6185



13.2299, 26.1098, 20.5324

Square

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



41.2292, 26.1098, 17.6185



20.6802, 26.1098, 4.4536



13.4654, 26.1098, 42.9468



29.4707, 26.1098, 88.6439

Rectangle

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



41.2292, 26.1098, 17.6185



30.6869, 26.1098, 4.7856



13.4654, 26.1098, 42.9468



19.7472, 26.1098, 86.2848

Sweetspot

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



41.2298, 26.1112, 17.6189



75.5434, 70.5077, 73.0462



46.6984, 27.4897, 82.9650



15.6345, 14.2880, 14.6355



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.



41.2298, 26.1112, 17.6189



44.9902, 25.6710, 12.7040



46.0876, 37.5110, 14.0459



15.1561, 15.0903, 16.1071



19.2624, 9.9077, 1.9173



1.5406, 0.7892, 0.2981

Inverse Universe

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



41.2298, 26.1112, 17.6189



44.9902, 25.6710, 12.7040



36.6296, 42.8260, 86.4559



15.1561, 15.0903, 16.1071



19.2624, 9.9077, 1.9173



1.5406, 0.7892, 0.2981

Previews

White Background



This preview shows how the XYZ color 41.2292, 26.1098, 17.6185 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 41.2292, 26.1098, 17.6185 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 41.2292, 26.1098, 17.6185

Background



This preview shows how black text looks on a background with the XYZ color 41.2292, 26.1098, 17.6185.



This preview shows how white text looks on a background with the XYZ color 41.2292, 26.1098,

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

41.2292, 26.1098, 17.6185

Protanopia

25.2529, 26.4347, 26.6931

Deuteranopia

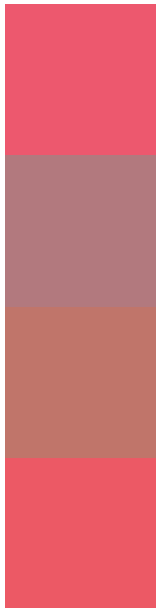
26.6992, 26.1365, 16.4696



Tritanopia

40.3596, 25.9897, 13.9557

Trichromacy



Original Color

41.2292, 26.1098, 17.6185

Protanomaly

28.9634, 24.6461, 22.9693

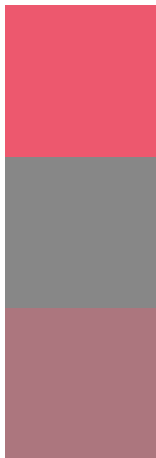
Deuteranomaly

30.7010, 24.9697, 16.8372

Tritanomaly

40.5134, 25.9172, 15.1791

Monochromacy



Original Color

41.2292, 26.1098, 17.6185

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.2576, 23.2339, 22.7866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2292, 26.1098, 17.6185 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(237, 88, 110)` looks like.

```
.text, #text, p{  
    color:rgb(237, 88, 110)  
}
```

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(237, 88, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 88, 110) }
```

Border

The CSS property to change the border of an element to XYZ 41.2292, 26.1098, 17.6185 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(237, 88, 110) }
```


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

```
.border{ border-color:rgb(237, 88, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 88, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 88, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 88, 110);  
box-shadow:4px 4px 4px 4px rgb(237, 88,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2292, 26.1098, 17.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 88, 110) }
```

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

```
.background{ background-color: rgb(237, 88,  
110) }
```

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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