

Converting Colors

XYZ(42.1391, 26.3388, 17.0572)

Have a look what the booklet for
XYZ(42.1391, 26.3388, 17.0572)
contains.

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Color

**XYZ(42.3102, 26.4391,
17.0606)**

Conversions

Conversions Part 1

Format	Color
Hex	F1566C
RGB	241, 86, 108
RGB Percent	95%, 34%, 42%
CMY	0.0549, 0.6627, 0.5765
CMYK	0.00, 0.64, 0.55, 0.05
HSL	351°, 85%, 64%
HSV	351°, 64%, 95%
XYZ	42.3102, 26.4391, 17.0606
YIQ	134.8530, 85.3180, 39.7020

Conversions

Conversions Part 2

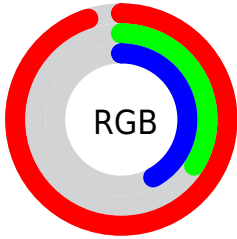
Format	Color
R_{YB}	241, 86, 108
Decimal	15816300
CIE _{Lab}	58.45, 60.86, 20.54
CIE _{LCh}	58, 64.235, 18.651
Yxy	26.4391, 0.4931, 0.3081
Android (android.graphics.Color)	4294006380 (0xFFFF1566C)
YUV	134.8530, -13.2385, 93.0909
Hunter-Lab	51.4190, 56.8959, 16.3211

Details

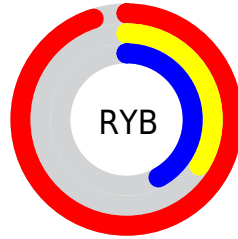
The XYZ color **42.3102, 26.4391, 17.0606** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **48.0812, 70.0042, 78.0020**, and the grayscale version is **23.0013, 24.1992, 26.3529**.

A 20% lighter version of the original color is **57.3205, 43.4081, 38.1584**, and **19.6490, 10.3532, 5.3776** is the 20% darker color. If you saturate the color by 10%, you get **39.7266, 22.8295, 11.3982**, and if you desaturate by 10%, it is **45.8045, 31.4528, 24.3148**.

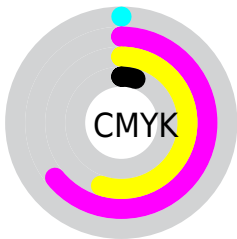
Distribution



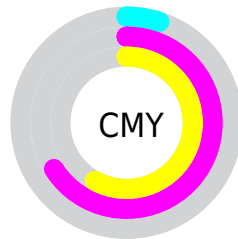
- Red (95%)
- Green (34%)
- Blue (42%)



- Red (95%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (64%)
- Yellow (55%)
- Black (5%)





- Cyan (5%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3102, 26.4391, 17.0606 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 42.3102, 26.4391, 17.0606 by changing the saturation by 10% instead.


 42.3102, 26.4391,
17.0606


 42.3102, 26.4391,
17.0606


346.7370,
284.9310, 247.5771


 29.5364, 17.1524,
10.1153


 77.9311, 53.9825,
39.2220

 19.6333, 10.3432,
5.3689


 101.5090, 73.0080,
55.2752

 12.2355, 5.6271,
2.4028


 129.4189, 96.0485,
75.2014

 6.9776, 2.6197,
0.7880

 162.0262,
123.4885, 99.4192

 3.4943, 0.9366,
0.0000

199.6964,
155.7124, 128.3472

 1.4202, 0.0000,
0.0000

242.7946,

 0.2706, 0.0000,

193.1045, 162.4038

0.0000

291.6864,
236.0492, 202.0076

■ 0.0000, 0.0000,
0.0000

■ 42.3102, 26.4391,
17.0606

■ 42.3102, 26.4391,
17.0606

■ 39.7266, 22.8295,
11.3982

■ 45.8045, 31.4528,
24.3148

■ 37.9649, 20.4757,
7.2049

■ 50.2833, 37.9905,
33.2681


■ 36.9210, 19.2040,
4.3413


■ 55.8149, 46.1641,
44.0200


■ 36.5670, 18.8173,
3.2329

■ 62.4609, 56.0741,
56.6617

■ 70.2782, 67.8125,
71.2785

 79.3197, 81.4652,
87.9502

 89.6350, 97.1124,
106.7521

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



43.0181, 26.4391, 38.1571



42.3102, 26.4391, 17.0606



36.4752, 26.4391, 7.0061

Triad

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



42.3102, 26.4391, 17.0606



15.4184, 26.4391, 8.6353



22.2755, 26.4391, 95.3481

Complementary

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



42.3102, 26.4391, 17.0606



48.0812, 70.0042, 78.0020

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.



16.4206, 26.4391, 74.9441



42.3102, 26.4391, 17.0606



13.0481, 26.4391, 21.0932

Square

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



42.3102, 26.4391, 17.0606



20.6060, 26.4391, 4.1864



13.3721, 26.4391, 44.9384



30.2709, 26.4391, 92.2177

Rectangle

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



42.3102, 26.4391, 17.0606



31.0331, 26.4391, 4.3818



13.3721, 26.4391, 44.9384



20.0266, 26.4391, 90.7136

Sweetspot

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



42.3109, 26.4406, 17.0610



75.5081, 70.4936, 72.8604



48.0448, 27.8751, 86.0669



15.6261, 14.2847, 14.5915



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.



42.3109, 26.4406, 17.0610



44.4863, 25.0322, 11.3990



47.3712, 38.2039, 13.6836



15.8641, 15.7954, 16.8408



19.8585, 10.2158, 1.9054



1.6801, 0.8611, 0.3062

Inverse Universe

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



42.3109, 26.4406, 17.0610



44.4863, 25.0322, 11.3990



37.4338, 43.7658, 89.6934



15.8641, 15.7954, 16.8408



19.8585, 10.2158, 1.9054



1.6801, 0.8611, 0.3062

Previews

White Background



This preview shows how the XYZ color 42.3102, 26.4391, 17.0606 looks on a white background.

Color Contrast Check

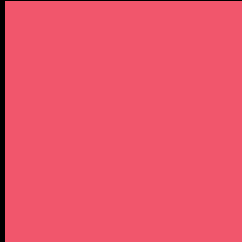
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3102, 26.4391, 17.0606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

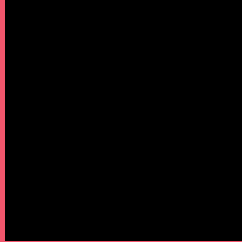
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.3102, 26.4391, 17.0606

Background



This preview shows how black text looks on a background with the XYZ color 42.3102, 26.4391, 17.0606.



This preview shows how white text looks on a background with the XYZ color 42.3102, 26.4391,

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

42.3102, 26.4391, 17.0606

Protanopia

25.3582, 26.4971, 26.3322

Deuteranopia

26.9493, 26.4830, 16.0033



Tritanopia

41.5279, 26.4782, 13.5117

Trichromacy



Original Color

42.3102, 26.4391, 17.0606

Protanomaly

29.2405, 24.6169, 22.6124

Deuteranomaly

31.1081, 25.1914, 16.3196

Tritanomaly

41.6770, 26.4056, 14.7045

Monochromacy



Original Color

42.3102, 26.4391, 17.0606

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.5185, 23.2019, 22.4301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3102, 26.4391, 17.0606 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(241, 86, 108)` looks like.

```
.text, #text, p{  
    color:rgb(241, 86, 108)  
}
```

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(241, 86, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 86, 108) }
```

Border

The CSS property to change the border of an element to XYZ 42.3102, 26.4391, 17.0606 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(241, 86, 108) }
```


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

```
.border{ border-color:rgb(241, 86, 108) }
```

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

Here you see how a box with a 4 pixel rgb(241, 86, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 86, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 86, 108);  
box-shadow:4px 4px 4px 4px rgb(241, 86,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3102, 26.4391, 17.0606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 86, 108) }
```

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

```
.background{ background-color: rgb(241, 86,  
108) }
```

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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