

Converting Colors

XYZ(41.1196, 24.7061, 12.9956)

Have a look what the booklet for
XYZ(41.1196, 24.7061, 12.9956)
contains.

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Color

**XYZ(41.1098, 24.6997,
12.9567)**

Conversions

Conversions Part 1

Format	Color
Hex	F24B5D
RGB	242, 75, 93
RGB Percent	95%, 29%, 36%
CMY	0.0510, 0.7058, 0.6353
CMYK	0.00, 0.69, 0.62, 0.05
HSL	354°, 87%, 62%
HSV	354°, 69%, 95%
XYZ	41.1098, 24.6997, 12.9567
YIQ	126.9850, 93.7540, 41.0020

Conversions

Conversions Part 2

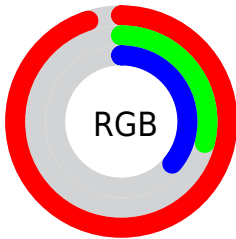
Format	Color
R_{YB}	242, 75, 93
Decimal	15879005
CIE _{Lab}	56.78, 64.41, 27.11
CIE _{LCh}	57, 69.888, 22.827
Yxy	24.6997, 0.5219, 0.3136
Android (android.graphics.Color)	4294069085 (0xFFFF24B5D)
YUV	126.9850, -16.7546, 100.8682
Hunter-Lab	49.6988, 60.6786, 19.3320

Details

The XYZ color **41.1098, 24.6997, 12.9567** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **48.1104, 70.3826, 81.5776**, and the grayscale version is **20.2022, 21.2543, 23.1459**.

A 20% lighter version of the original color is **54.5855, 40.0182, 30.8339**, and **19.1035, 9.7889, 3.5719** is the 20% darker color. If you saturate the color by 10%, you get **38.9438, 21.6885, 8.1638**, and if you desaturate by 10%, it is **44.1708, 29.0693, 19.3802**.

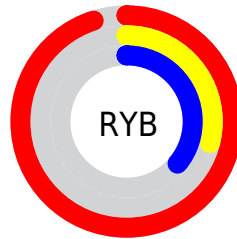
Distribution



Red (95%)

Green (29%)

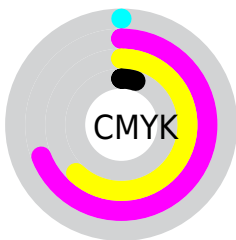
Blue (36%)



Red (95%)

Yellow (29%)

Blue (36%)

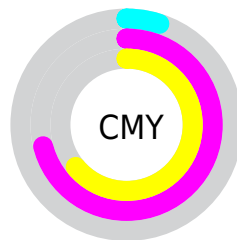


Cyan (0%)

Magenta (69%)

Yellow (62%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1098, 24.6997, 12.9567 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 41.1098, 24.6997, 12.9567 by changing the saturation by 10% instead.


 41.1098, 24.6997,
12.9567


 41.1098, 24.6997,
12.9567


341.8341,
276.3391, 221.8380


 28.5929, 15.8535,
7.2684


 76.1242, 51.1696,
31.9160

 18.9158, 9.4205,
3.5495


 99.3525, 69.5621,
46.0241


 11.7131, 5.0165,
1.3816


 126.8819, 91.9055,
63.7758

 6.6195, 2.2569,
0.1273

 159.0778,
118.5841, 85.5897

 3.2695, 0.7508,
0.0000

 196.3057,
149.9824, 111.8843

 1.2978, 0.0000,
0.0000

238.9308,

 0.1816, 0.0000,

186.4847, 143.0782

0.0000

287.3184,
228.4755, 179.5900

■ 0.0000, 0.0000,
0.0000

■ 41.1098, 24.6997,
12.9567

■ 41.1098, 24.6997,
12.9567

■ 38.9438, 21.6885,
8.1638

■ 44.1708, 29.0693,
19.3802

■ 37.5726, 19.8720,
4.8521

■ 48.2090, 34.9281,
27.5630


■ 36.8562, 19.0144,
2.8402


■ 53.2993, 42.3961,
37.6223


■ 36.8050, 18.9520,
2.6997

■ 59.5087, 51.5800,
49.6649

■ 66.8986, 62.5773,
63.7895

 75.5261, 75.4781,
80.0881

 85.4442, 90.3668,
98.6473

 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



42.7377, 24.6997, 32.9038



41.1098, 24.6997, 12.9567



34.2898, 24.6997, 4.6281

Triad

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



41.1098, 24.6997, 12.9567



13.0624, 24.6997, 7.8550



21.5712, 24.6997, 100.6498

Complementary

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



41.1098, 24.6997, 12.9567



48.1104, 70.3826, 81.5776

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.



15.2150, 24.6997, 80.9378



41.1098, 24.6997, 12.9567



11.0966, 24.6997, 21.6641

Square

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



41.1098, 24.6997, 12.9567



17.9004, 24.6997, 3.1002



11.7813, 24.6997, 48.3638



30.1044, 24.6997, 93.2058

Rectangle

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



41.1098, 24.6997, 12.9567



28.4203, 24.6997, 2.7548



11.7813, 24.6997, 48.3638



19.1418, 24.6997, 96.7208

Sweetspot

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



41.1104, 24.7011, 12.9571



73.5210, 67.7591, 68.3757



48.8267, 27.0559, 86.6528



15.2307, 13.7500, 13.6704



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.



41.1104, 24.7011, 12.9571



43.1045, 23.4084, 7.4240



47.1241, 37.8573, 11.4821



15.8420, 15.7865, 16.7242



19.7958, 10.1907, 1.5752



1.6696, 0.8569, 0.2509

Inverse Universe

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



41.1104, 24.7011, 12.9571



43.1045, 23.4084, 7.4240



34.8473, 39.7428, 89.8384



15.8420, 15.7865, 16.7242



19.7958, 10.1907, 1.5752



1.6696, 0.8569, 0.2509

Previews

White Background



This preview shows how the XYZ color 41.1098, 24.6997, 12.9567 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 41.1098, 24.6997, 12.9567 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 41.1098, 24.6997, 12.9567

Background



This preview shows how black text looks on a background with the XYZ color 41.1098, 24.6997, 12.9567.



This preview shows how white text looks on a background with the XYZ color 41.1098, 24.6997,

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

41.1098, 24.6997, 12.9567

Protanopia

23.4616, 24.7799, 20.9992

Deuteranopia

25.1394, 24.6205, 12.0216



Tritanopia

40.4147, 24.6026, 10.4033

Trichromacy



Original Color

41.1098, 24.6997, 12.9567

Protanomaly

27.4222, 22.7441, 17.6966

Deuteranomaly

29.3297, 23.1939, 12.1635

Tritanomaly

40.4998, 24.5255, 11.1937

Monochromacy



Original Color

41.1098, 24.6997, 12.9567

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.8193, 20.3979, 18.8487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1098, 24.6997, 12.9567 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(242, 75, 93)` looks like.

```
.text, #text, p{  
    color:rgb(242, 75, 93)  
}
```

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(242, 75, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 75, 93) }
```

Border

The CSS property to change the border of an element to XYZ 41.1098, 24.6997, 12.9567 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(242, 75, 93) }
```


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

```
.border{ border-color:rgb(242, 75, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 75, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 75, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 75, 93);  
box-shadow:4px 4px 4px 4px rgb(242, 75,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1098, 24.6997, 12.9567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 75, 93) }
```

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

```
.background{ background-color: rgb(242, 75,  
93) }
```

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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