

Converting Colors

XYZ(41.4826, 26.8677, 12.0164)

Have a look what the booklet for
XYZ(41.4826, 26.8677, 12.0164)
contains.

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Color

**XYZ(41.4826, 26.8677,
12.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	F05C57
RGB	240, 92, 87
RGB Percent	94%, 36%, 34%
CMY	0.0588, 0.6392, 0.6588
CMYK	0.00, 0.62, 0.64, 0.06
HSL	2°, 84%, 64%
HSV	2°, 64%, 94%
XYZ	41.4826, 26.8677, 12.0164
YIQ	135.6820, 89.8130, 29.8210

Conversions

Conversions Part 2

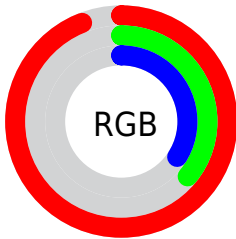
Format	Color
R_{YB}	240, 92, 87
Decimal	15752279
CIE _{Lab}	58.85, 56.63, 33.12
CIE _{LCh}	59, 65.606, 30.322
Yxy	26.8677, 0.5162, 0.3343
Android (android.graphics.Color)	4293942359 (0xFFFF05C57)
YUV	135.6820, -24.0002, 91.4869
Hunter-Lab	51.8341, 52.1433, 22.5390

Details

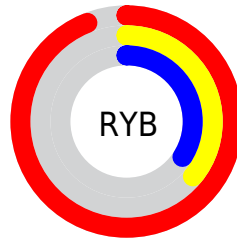
The XYZ color **41.4826, 26.8677, 12.0164** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **49.3642, 67.7287, 92.9087**, and the grayscale version is **23.3474, 24.5633, 26.7494**.

A 20% lighter version of the original color is **56.3453, 44.2460, 29.2375**, and **19.0482, 10.5402, 3.1283** is the 20% darker color. If you saturate the color by 10%, you get **38.9477, 23.1151, 7.1116**, and if you desaturate by 10%, it is **44.9605, 31.9854, 18.8432**.

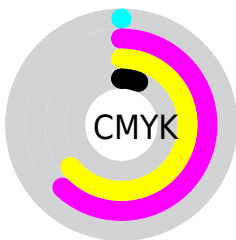
Distribution



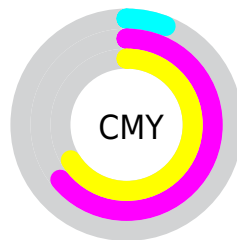
- Red (94%)
- Green (36%)
- Blue (34%)



- Red (94%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (62%)
- Yellow (64%)
- Black (6%)





- Cyan (6%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4826, 26.8677, 12.0164 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 41.4826, 26.8677, 12.0164 by changing the saturation by 10% instead.


 41.4826, 26.8677,
12.0164


 41.4826, 26.8677,
12.0164


343.3618,
287.0160, 215.4956


 28.8857, 17.4739,
6.6322


 76.6860, 54.6715,
30.1898


 19.1382, 10.5729,
3.1582


 100.0233, 73.8503,
43.8161


 11.8748, 5.7805,
1.1760


 127.6714, 97.0595,
61.0268

 6.7301, 2.7120,
0.0000

 159.9957,
124.6835, 82.2404

 3.3387, 0.9833,
0.0000

 197.3615,
157.1068, 107.8756

 1.3353, 0.0000,
0.0000

240.1343,

 0.2094, 0.0000,

194.7137, 138.3508

0.0000

288.6792,
237.8886, 174.0847

■ 0.0000, 0.0000,
0.0000

■ 41.4826, 26.8677,
12.0164

■ 41.4826, 26.8677,
12.0164

■ 38.9477, 23.1151,
7.1116

■ 44.9605, 31.9854,
18.8432

■ 37.2619, 20.5930,
3.9305

■ 49.4596, 38.5773,
27.7612


■ 36.3151, 19.1476,
2.2338


■ 55.0521, 46.7466,
38.9225

■ 36.0202, 18.6957,
1.7102

■ 61.8032, 56.5861,
52.4648

■ 69.7730, 68.1812,
68.5146

 79.0173, 81.6117,
87.1895

 89.5885, 96.9523,
108.5996

 89.7449, 97.2651,
108.6517

Harmonies

Analogous

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



44.4973, 26.8677, 29.0045



41.4826, 26.8677, 12.0164



34.0528, 26.8677, 5.0917

Triad

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



41.4826, 26.8677, 12.0164



14.2526, 26.8677, 12.2579



25.6246, 26.8677, 100.3914

Complementary

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



41.4826, 26.8677, 12.0164



49.3642, 67.7287, 92.9087

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.



18.5742, 26.8677, 87.6576



41.4826, 26.8677, 12.0164



12.9118, 26.8677, 29.5057

Square

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



41.4826, 26.8677, 12.0164



18.4519, 26.8677, 5.1702



14.3120, 26.8677, 58.0539



34.2368, 26.8677, 87.1377

Rectangle

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



41.4826, 26.8677, 12.0164



28.2464, 26.8677, 3.6322



14.3120, 26.8677, 58.0539



23.0065, 26.8677, 98.9553

Sweetspot

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



41.4832, 26.8692, 12.0168



75.0366, 70.9212, 68.4777



54.6950, 31.4824, 83.6593



15.5146, 14.3850, 13.5575



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.



41.4832, 26.8692, 12.0168



44.1274, 25.6785, 7.0738



51.3006, 46.5039, 15.2893



15.8143, 15.8417, 16.3740



19.7367, 10.2715, 0.9424



1.6564, 0.8835, 0.0832

Inverse Universe

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



49.3642, 67.7287, 92.9087



53.7561, 75.7570, 106.3971



32.3947, 33.7898, 87.2522



16.2004, 17.8350, 20.3102



24.4486, 35.1215, 50.6184



2.0477, 2.9494, 4.2156

Previews

White Background



This preview shows how the XYZ color 41.4826, 26.8677, 12.0164 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 41.4826, 26.8677, 12.0164 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 41.4826, 26.8677, 12.0164

Background



This preview shows how black text looks on a background with the XYZ color 41.4826, 26.8677, 12.0164.



This preview shows how white text looks on a background with the XYZ color 41.4826, 26.8677,

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

41.4826, 26.8677, 12.0164

Protanopia

25.2757, 27.0829, 17.8053

Deuteranopia

27.3088, 26.7767, 11.1262



Tritanopia

41.7876, 26.8520, 14.0468

Trichromacy



Original Color

41.4826, 26.8677, 12.0164

Protanomaly

29.2751, 25.5258, 15.4406

Deuteranomaly

31.1458, 25.6732, 11.2965

Tritanomaly

41.6520, 26.7977, 13.3331

Monochromacy



Original Color

41.4826, 26.8677, 12.0164

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

27.4420, 23.7396, 20.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4826, 26.8677, 12.0164 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(240, 92, 87)` looks like.

```
.text, #text, p{  
    color:rgb(240, 92, 87)  
}
```

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(240, 92, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 92, 87) }
```

Border

The CSS property to change the border of an element to XYZ 41.4826, 26.8677, 12.0164 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(240, 92, 87) }
```


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

```
.border{ border-color:rgb(240, 92, 87) }
```

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

Here you see how a box with a 4 pixel rgb(240, 92, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 92, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 92, 87);  
box-shadow:4px 4px 4px 4px rgb(240, 92,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4826, 26.8677, 12.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 92, 87) }
```

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

```
.background{ background-color: rgb(240, 92,  
87) }
```

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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