

Converting Colors

XYZ(42.8846, 26.2156, 9.6373)

Have a look what the booklet for
XYZ(42.8846, 26.2156, 9.6373)
contains.

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Color

**XYZ(42.8846, 26.2156,
9.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	F8504C
RGB	248, 80, 76
RGB Percent	97%, 31%, 30%
CMY	0.0275, 0.6862, 0.7020
CMYK	0.00, 0.68, 0.69, 0.03
HSL	1°, 92%, 64%
HSV	1°, 69%, 97%
XYZ	42.8846, 26.2156, 9.6373
YIQ	129.7760, 101.4120, 34.3720

Conversions

Conversions Part 2

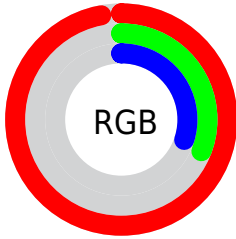
Format	Color
R_{YB}	248, 80, 76
Decimal	16273484
CIE _{Lab}	58.24, 63.49, 38.87
CIE _{LCh}	58, 74.443, 31.477
Yxy	26.2156, 0.5447, 0.3329
Android (android.graphics.Color)	4294463564 (0xFFFF8504C)
YUV	129.7760, -26.5116, 103.6824
Hunter-Lab	51.2012, 59.9043, 24.6810

Details

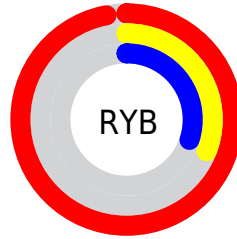
The XYZ color **42.8846, 26.2156, 9.6373** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **52.2711, 73.0085, 100.1435**, and the grayscale version is **21.2060, 22.3103, 24.2960**.

A 20% lighter version of the original color is **54.0302, 40.9176, 24.4522**, and **20.0145, 10.2893, 2.2275** is the 20% darker color. If you saturate the color by 10%, you get **40.7172, 23.0051, 5.4496**, and if you desaturate by 10%, it is **46.0242, 30.8396, 15.7877**.

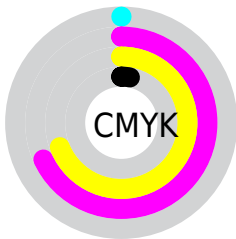
Distribution



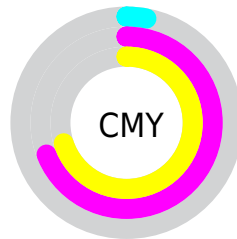
- Red (97%)
- Green (31%)
- Blue (30%)



- Red (97%)
- Yellow (31%)
- Blue (30%)



- Cyan (0%)
- Magenta (68%)
- Yellow (69%)
- Black (3%)





- Cyan (3%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8846, 26.2156, 9.6373 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 42.8846, 26.2156, 9.6373 by changing the saturation by 10% instead.


 42.8846, 26.2156,
9.6373


 42.8846, 26.2156,
9.6373

349.0665,
283.8388, 198.4533


 29.9887, 16.9850,
5.0567


 78.7935, 53.6226,
25.7081

 19.9780, 10.2238,
2.2212


 102.5372, 72.5677,
38.0354


 12.4873, 5.5476,
0.6866


 130.6276, 95.5198,
53.7819

 7.1510, 2.5720,
0.0000

 163.4299,
122.8633, 73.3664

 3.6039, 0.9126,
0.0000

 201.3096,
154.9826, 97.2072

 1.4806, 0.0000,
0.0000

244.6321,

 0.3126, 0.0000,

192.2620, 125.7229

0.0000

293.7626,
235.0859, 159.3321

■ 0.0000, 0.0000,
0.0000

■ 42.8846, 26.2156,
9.6373

■ 42.8846, 26.2156,
9.6373

■ 40.7172, 23.0051,
5.4496

■ 46.0242, 30.8396,
15.7877

■ 39.4071, 21.0426,
2.9856

■ 50.2300, 37.0096,
24.1000


■ 38.7997, 20.1193,
1.8844


■ 55.5868, 44.8479,
34.7503


■ 38.7740, 20.0819,
1.8326

■ 62.1707, 54.4633,
47.8965

■ 70.0511, 65.9556,
63.6824

 79.2921, 79.4168,
82.2413

 89.9538, 94.9333,
103.6971

 92.5212, 98.6963,
108.7817

Harmonies

Analogous

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



46.6568, 26.2156, 27.2796



42.8846, 26.2156, 9.6373



34.1773, 26.2156, 3.3379

Triad

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



42.8846, 26.2156, 9.6373



12.5485, 26.2156, 10.7563



25.3681, 26.2156, 112.8834

Complementary

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



42.8846, 26.2156, 9.6373



52.2711, 73.0085, 100.1435

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.



17.5018, 26.2156, 98.4697



42.8846, 26.2156, 9.6373



11.2627, 26.2156, 29.8476

Square

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



42.8846, 26.2156, 9.6373



16.8954, 26.2156, 3.6545



12.8344, 26.2156, 63.2453



35.1448, 26.2156, 95.5675

Rectangle

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



42.8846, 26.2156, 9.6373



27.5842, 26.2156, 2.1889



12.8344, 26.2156, 63.2453



22.4278, 26.2156, 111.5547

Sweetspot

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



42.8852, 26.2171, 9.6377



73.1205, 68.0679, 64.8208



57.7974, 31.7260, 89.5700



15.1377, 13.8212, 12.8459



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.



42.8852, 26.2171, 9.6377



42.7511, 23.5743, 4.6164



53.4468, 47.3404, 13.1583



17.2771, 17.2900, 17.8891



20.9597, 10.8760, 0.9946



1.9523, 1.0294, 0.0958

Inverse Universe

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



52.2711, 73.0085, 100.1435



53.2668, 76.1527, 106.4992



32.3448, 33.1560, 93.5014



17.7291, 19.5350, 22.2215



26.3556, 38.0669, 53.9321



2.4517, 3.5471, 4.9986

Previews

White Background



This preview shows how the XYZ color 42.8846, 26.2156, 9.6373 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 42.8846, 26.2156, 9.6373 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 42.8846, 26.2156, 9.6373

Background



This preview shows how black text looks on a background with the XYZ color 42.8846, 26.2156, 9.6373.



This preview shows how white text looks on a background with the XYZ color 42.8846, 26.2156,

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

42.8846, 26.2156, 9.6373

Protanopia

24.5316, 26.3134, 15.3413

Deuteranopia

26.7420, 26.3278, 8.8266



Tritanopia

43.0687, 26.1730, 10.9655

Trichromacy



Original Color

42.8846, 26.2156, 9.6373

Protanomaly

28.8174, 24.2598, 12.8366

Deuteranomaly

30.9422, 24.7562, 8.9419

Tritanomaly

42.9553, 26.1276, 10.3686

Monochromacy



Original Color

42.8846, 26.2156, 9.6373

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

25.8422, 21.5984, 17.5587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8846, 26.2156, 9.6373 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(248, 80, 76)` looks like.

```
.text, #text, p{  
    color:rgb(248, 80, 76)  
}
```

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(248, 80, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 80, 76) }
```

Border

The CSS property to change the border of an element to XYZ 42.8846, 26.2156, 9.6373 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(248, 80, 76) }
```


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

```
.border{ border-color:rgb(248, 80, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 80, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 80, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 80, 76);  
box-shadow:4px 4px 4px 4px rgb(248, 80,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8846, 26.2156, 9.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 80, 76) }
```

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

```
.background{ background-color: rgb(248, 80,  
76) }
```

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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