

Converting Colors

XYZ(40.6150, 25.2940, 8.7982)

Have a look what the booklet for
XYZ(40.6150, 25.2940, 8.7982)
contains.

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Color

**XYZ(40.4626, 25.2032,
8.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	F15248
RGB	241, 82, 72
RGB Percent	95%, 32%, 28%
CMY	0.0549, 0.6784, 0.7176
CMYK	0.00, 0.66, 0.70, 0.05
HSL	4°, 86%, 61%
HSV	4°, 70%, 95%
XYZ	40.4626, 25.2032, 8.8630
YIQ	128.4010, 97.9740, 30.5980

Conversions

Conversions Part 2

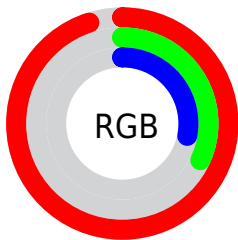
Format	Color
RYB	241, 83, 72
Decimal	15815240
CIELab	57.27, 60.30, 39.66
CIElCh	57, 72.173, 33.330
Yxy	25.2032, 0.5429, 0.3382
Android (android.graphics.Color)	4294005320 (0xFFFF15248)
YUV	128.4010, -27.8057, 98.7493
Hunter-Lab	50.2028, 56.0131, 24.6747

Details

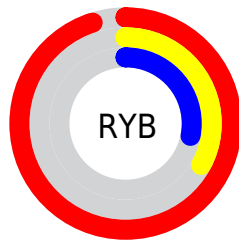
The XYZ color **40.4626, 25.2032, 8.8630** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **47.1228, 64.8749, 93.2570**, and the grayscale version is **20.7282, 21.8077, 23.7486**.

A 20% lighter version of the original color is **53.9238, 41.1057, 23.1813**, and **18.4378, 9.6433, 1.9265** is the 20% darker color. If you saturate the color by 10%, you get **38.3882, 22.0760, 5.0234**, and if you desaturate by 10%, it is **43.4107, 29.5857, 14.5133**.

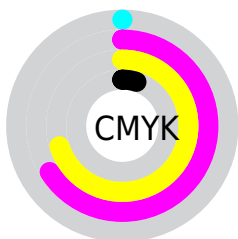
Distribution



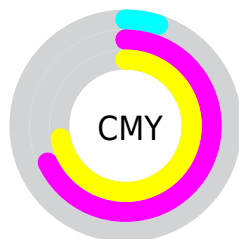
- Red (95%)
- Green (32%)
- Blue (28%)



- Red (95%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (66%)
- Yellow (70%)
- Black (5%)





- Cyan (5%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4626, 25.2032, 8.8630 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 40.4626, 25.2032, 8.8630 by changing the saturation by 10% instead.


 40.4626, 25.2032,
8.8630


 40.4626, 25.2032,
8.8630


339.1706,
278.8484, 192.5329


 28.0852, 16.2285,
4.5563


 75.1473, 51.9867,
24.2072


 18.5307, 9.6860,
1.9352


 98.1853, 70.5643,
36.0818


 11.4337, 5.1913,
0.5150


 125.5076, 93.1116,
51.3162

 6.4287, 2.3599,
0.0000

 157.4796,
120.0131, 70.3288

 3.1506, 0.8052,
0.0000

 194.4665,
151.6531, 93.5382

 1.2339, 0.0000,
0.0000

236.8337,

 0.1329, 0.0000,

188.4161, 121.3630

0.0000

284.9466,
230.6864, 154.2217

■ 0.0000, 0.0000,
0.0000

■ 40.4626, 25.2032,
8.8630

■ 40.4626, 25.2032,
8.8630

■ 38.3882, 22.0760,
5.0234

■ 43.4107, 29.5857,
14.5133

■ 37.0894, 20.0682,
2.7721


■ 47.3131, 35.3323,
22.1594


■ 36.4361, 19.0221,
1.7512


■ 52.2432, 42.5451,
31.9647

■ 58.2669, 51.3151,
44.0756

■ 65.4442, 61.7262,
58.6256

 73.8311, 73.8561,
75.7379

 83.4798, 87.7775,
95.5276

 90.0854, 97.4406,
108.6677

Harmonies

Analogous

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



44.3739, 25.2032, 24.8000



40.4626, 25.2032, 8.8630



32.1081, 25.2032, 3.2185

Triad

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



40.4626, 25.2032, 8.8630



12.0726, 25.2032, 11.2820



24.9214, 25.2032, 106.2639

Complementary

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



40.4626, 25.2032, 8.8630



47.1228, 64.8749, 93.2570

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.



17.3139, 25.2032, 94.5768



40.4626, 25.2032, 8.8630



11.0160, 25.2032, 30.2653

Square

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



40.4626, 25.2032, 8.8630



16.0171, 25.2032, 3.9184



12.6868, 25.2032, 62.2445



34.1585, 25.2032, 88.4802

Rectangle

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



40.4626, 25.2032, 8.8630



25.9135, 25.2032, 2.2213



12.6868, 25.2032, 62.2445



22.0975, 25.2032, 105.6757

Sweetspot

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



40.4632, 25.2047, 8.8634



73.5766, 68.9801, 64.9729



53.2365, 29.1930, 79.5826



15.2434, 14.0326, 12.8812



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.



40.4632, 25.2047, 8.8634



42.9321, 24.0095, 4.4511



50.8912, 46.0608, 12.3394



15.8479, 15.9090, 16.3852



19.7897, 10.3775, 0.9600



1.6725, 0.9158, 0.0886

Inverse Universe

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



47.1228, 64.8749, 93.2570



50.8021, 71.3785, 105.7076



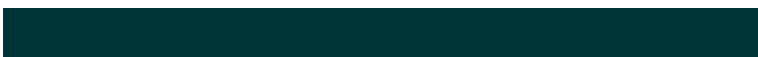
29.1474, 28.9242, 87.2652



16.1625, 17.7592, 20.2976



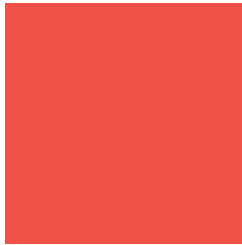
23.5009, 33.2261, 50.3025



1.9792, 2.8125, 4.1928

Previews

White Background



This preview shows how the XYZ color 40.4626, 25.2032, 8.8630 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 40.4626, 25.2032, 8.8630 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 40.4626, 25.2032, 8.8630

Background



This preview shows how black text looks on a background with the XYZ color 40.4626, 25.2032, 8.8630.



This preview shows how white text looks on a background with the XYZ color 40.4626, 25.2032,

8.8630.

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

40.4626, 25.2032, 8.8630

Protanopia

23.5979, 25.4337, 13.7907

Deuteranopia

25.8081, 25.2494, 8.2160



Tritanopia

41.1263, 25.2704, 11.3044

Trichromacy



Original Color

40.4626, 25.2032, 8.8630

Protanomaly

27.6466, 23.6800, 11.7079

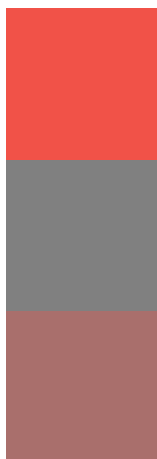
Deuteranomaly

29.6534, 23.9394, 8.2121

Tritanomaly

41.0083, 25.3413, 10.3194

Monochromacy



Original Color

40.4626, 25.2032, 8.8630

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.7534, 20.8866, 16.9142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4626, 25.2032, 8.8630 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, 82, 72)` looks like.

```
.text, #text, p{  
    color:rgb(241, 82, 72)  
}
```

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, 82, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 82, 72) }
```

Border

The CSS property to change the border of an element to XYZ 40.4626, 25.2032, 8.8630 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, 82, 72) }
```


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

```
.border{ border-color:rgb(241, 82, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 82, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 82, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 82, 72);  
box-shadow:4px 4px 4px 4px rgb(241, 82,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4626, 25.2032, 8.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 82, 72) }
```

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

```
.background{ background-color: rgb(241, 82,  
72) }
```

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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