

Converting Colors

XYZ(40.6676, 26.9294, 15.3129)

Have a look what the booklet for
XYZ(40.6676, 26.9294, 15.3129)
contains.

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Color

**XYZ(40.7928, 26.9675,
15.3671)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6065
RGB	235, 96, 101
RGB Percent	92%, 38%, 40%
CMY	0.0784, 0.6235, 0.6039
CMYK	0.00, 0.59, 0.57, 0.08
HSL	358°, 78%, 65%
HSV	358°, 59%, 92%
XYZ	40.7928, 26.9675, 15.3671
YIQ	138.1310, 81.2390, 31.0230

Conversions

Conversions Part 2

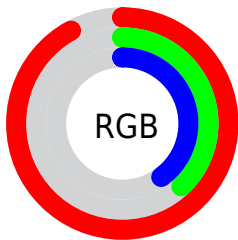
Format	Color
R _Y B	235, 96, 101
Decimal	15425637
CIE Lab	58.94, 54.12, 25.08
CIE LCh	59, 59.649, 24.868
Yxy	26.9675, 0.4907, 0.3244
Android (android.graphics.Color)	4293615717 (0xFFEB6065)
YUV	138.1310, -18.3056, 84.9541
Hunter-Lab	51.9302, 49.3393, 18.8062

Details

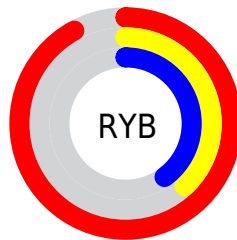
The XYZ color **40.7928, 26.9675, 15.3671** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **48.8170, 67.6173, 85.3469**, and the grayscale version is **24.2545, 25.5176, 27.7887**.

A 20% lighter version of the original color is **57.9741, 45.6602, 35.4635**, and **18.8145, 10.6512, 4.5543** is the 20% darker color. If you saturate the color by 10%, you get **37.9987, 22.9179, 9.6935**, and if you desaturate by 10%, it is **44.5347, 32.4237, 22.8662**.

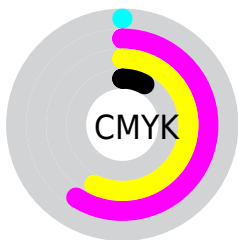
Distribution



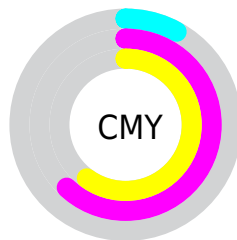
- Red (92%)
- Green (38%)
- Blue (40%)



- Red (92%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (57%)
- Black (8%)





- Cyan (8%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7928, 26.9675, 15.3671 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 40.7928, 26.9675, 15.3671 by changing the saturation by 10% instead.


 40.7928, 26.9675,
15.3671


 40.7928, 26.9675,
15.3671

340.5313,
287.4997, 237.2944


 28.3442, 17.5488,
8.9280


 75.6460, 54.8317,
36.2473


 18.7270, 10.6266,
4.5980


 98.7812, 74.0460,
51.5254

 11.5760, 5.8163,
1.9588


 126.2093, 97.2943,
70.5869

 6.5258, 2.7337,
0.5298

 158.2958,
124.9611, 93.8503

 3.2110, 0.9943,
0.0000

195.4058,
157.4306, 121.7343

 1.2663, 0.0000,
0.0000

237.9048,

 0.1578, 0.0000,

195.0872, 154.6572

0.0000

286.1582,
238.3155, 193.0378

■ 0.0000, 0.0000,
0.0000

■ 40.7928, 26.9675,
15.3671

■ 40.7928, 26.9675,
15.3671

■ 37.9987, 22.9179,
9.6935

■ 44.5347, 32.4237,
22.8662

■ 36.0657, 20.1419,
5.6885

■ 49.2972, 39.3946,
32.3274

■ 34.8944, 18.4893,
3.1709

■ 55.1481, 47.9831,
43.8756

■ 34.3395, 17.7284,
1.9101

■ 62.1489, 58.2817,
57.6251

■ 34.3071, 17.6806,
1.8469

■ 70.3565, 70.3761,
73.6818

■ 79.8241, 84.3459,
92.1450

■ 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



42.5341, 26.9675, 33.1524



40.7928, 26.9675, 15.3671



34.7016, 26.9675, 7.0818

Triad

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



40.7928, 26.9675, 15.3671



15.6848, 26.9675, 11.6283



24.3827, 26.9675, 91.3404

Complementary

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



40.7928, 26.9675, 15.3671



48.8170, 67.6173, 85.3469

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.



18.2984, 26.9675, 76.7556



40.7928, 26.9675, 15.3671



13.9313, 26.9675, 25.8740

Square

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



40.7928, 26.9675, 15.3671



20.1123, 26.9675, 5.7639



14.7872, 26.9675, 49.9986



32.0786, 26.9675, 83.8664

Rectangle

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



40.7928, 26.9675, 15.3671



29.5197, 26.9675, 5.0028



14.7872, 26.9675, 49.9986



22.1012, 26.9675, 88.7090

Sweetspot

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



40.7935, 26.9690, 15.3676



75.7914, 71.6006, 71.2885



51.1898, 30.8676, 81.8570



15.6541, 14.4887, 14.1445



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.



40.7935, 26.9690, 15.3676



45.1502, 26.7368, 10.4585



48.6942, 43.1501, 16.8307



15.0874, 15.0628, 15.7455



19.1034, 9.8441, 1.0800



1.5078, 0.7761, 0.1256

Inverse Universe

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



40.7935, 26.9690, 15.3676



45.1502, 26.7368, 10.4585



34.6591, 38.1634, 84.1365



15.0874, 15.0628, 15.7455



19.1034, 9.8441, 1.0800



1.5078, 0.7761, 0.1256

Previews

White Background



This preview shows how the XYZ color 40.7928, 26.9675, 15.3671 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 40.7928, 26.9675, 15.3671 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 40.7928, 26.9675, 15.3671

Background



This preview shows how black text looks on a background with the XYZ color 40.7928, 26.9675, 15.3671.



This preview shows how white text looks on a background with the XYZ color 40.7928, 26.9675,

15.3671.

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

40.7928, 26.9675, 15.3671

Protanopia

25.7635, 27.2352, 22.3114

Deuteranopia

27.6191, 27.0744, 14.3599



Tritanopia

40.8421, 26.9872, 15.6268

Trichromacy



Original Color

40.7928, 26.9675, 15.3671

Protanomaly

29.4269, 25.7059, 19.3304

Deuteranomaly

31.2432, 26.0071, 14.6824

Tritanomaly

40.8421, 26.9872, 15.6268

Monochromacy



Original Color

40.7928, 26.9675, 15.3671

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.0182, 24.5308, 22.6602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7928, 26.9675, 15.3671 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(235, 96, 101)` looks like.

```
.text, #text, p{  
    color:rgb(235, 96, 101)  
}
```

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(235, 96, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 96, 101) }
```

Border

The CSS property to change the border of an element to XYZ 40.7928, 26.9675, 15.3671 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(235, 96, 101) }
```


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

```
.border{ border-color:rgb(235, 96, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 96, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 96, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 96, 101);  
box-shadow:4px 4px 4px 4px rgb(235, 96,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7928, 26.9675, 15.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 96, 101) }
```

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

```
.background{ background-color: rgb(235, 96,  
101) }
```

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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