

Converting Colors

XYZ(42.5880, 28.0957, 16.6425)

Have a look what the booklet for
XYZ(42.5880, 28.0957, 16.6425)
contains.

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Color

**XYZ(42.5141, 28.1060,
16.5489)**

Conversions

Conversions Part 1

Format	Color
Hex	EF6269
RGB	239, 98, 105
RGB Percent	94%, 38%, 41%
CMY	0.0627, 0.6157, 0.5882
CMYK	0.00, 0.59, 0.56, 0.06
HSL	357°, 82%, 66%
HSV	357°, 59%, 94%
XYZ	42.5141, 28.1060, 16.5489
YIQ	140.9570, 81.7890, 32.0690

Conversions

Conversions Part 2

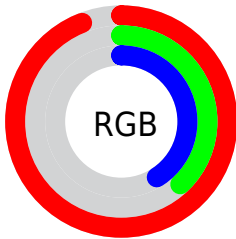
Format	Color
R_{YB}	239, 98, 105
Decimal	15688297
CIE _{Lab}	59.98, 54.87, 24.27
CIE _{LCh}	60, 59.997, 23.866
Yxy	28.1060, 0.4877, 0.3224
Android (android.graphics.Color)	4293878377 (0xFFEF6269)
YUV	140.9570, -17.7268, 85.9837
Hunter-Lab	53.0151, 50.3671, 18.6029

Details

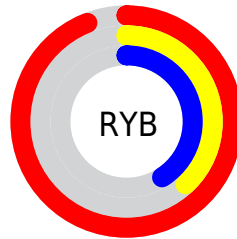
The XYZ color **42.5141, 28.1060, 16.5489** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **50.4708, 70.1565, 87.2307**, and the grayscale version is **25.3465, 26.6665, 29.0398**.

A 20% lighter version of the original color is **58.6320, 46.4428, 37.3266**, and **19.6540, 11.1702, 5.1232** is the 20% darker color. If you saturate the color by 10%, you get **39.5864, 23.8763, 10.5620**, and if you desaturate by 10%, it is **46.4223, 33.7983, 24.4011**.

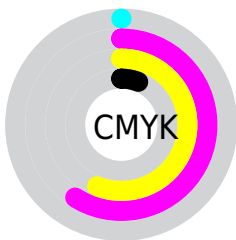
Distribution



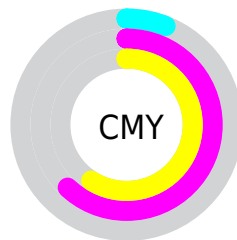
- Red (94%)
- Green (38%)
- Blue (41%)



- Red (94%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (59%)
- Yellow (56%)
- Black (6%)





- Cyan (6%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5141, 28.1060, 16.5489 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 42.5141, 28.1060, 16.5489 by changing the saturation by 10% instead.


 42.5141, 28.1060,
16.5489

 42.5141, 28.1060,
16.5489

347.5652,
292.9731, 244.5145


 29.6969, 18.4056,
9.7549


 78.2374, 56.6536,
38.3285


 19.7556, 11.2416,
5.1332


 101.8742, 76.2696,
54.1511

 12.3247, 6.2296,
2.2656


 129.8483, 99.9596,
73.8204

 7.0390, 2.9852,
0.7118

 162.5250,
128.1080, 97.7547

 3.5331, 1.1240,
0.0000

200.2697,
161.0991, 126.3728

 1.4415, 0.0000,
0.0000

243.4477,

 0.2855, 0.0000,

199.3174, 160.0931

0.0000

292.4244,
243.1473, 199.3342

■ 0.0000, 0.0000,
0.0000

■ 42.5141, 28.1060,
16.5489

■ 42.5141, 28.1060,
16.5489

■ 39.5864, 23.8763,
10.5620

■ 46.4223, 33.7983,
24.4011

■ 37.5503, 20.9715,
6.2846

■ 51.3856, 41.0653,
34.2542

■ 36.3044, 19.2359,
3.5380

■ 57.4734, 50.0136,
46.2331

■ 35.7028, 18.4350,
2.0971

■ 64.7490, 60.7392,
60.4519

■ 35.6619, 18.3768,
2.0106

■ 73.2707, 73.3309,
77.0168

■ 83.0931, 87.8714,
96.0268

■ 89.4065, 97.0906,
108.6359

Harmonies

Analogous

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



44.1306, 28.1060, 35.3190



42.5141, 28.1060, 16.5489



36.3397, 28.1060, 7.6569

Triad

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



42.5141, 28.1060, 16.5489



16.5248, 28.1060, 11.9024



25.1756, 28.1060, 94.3308

Complementary

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



42.5141, 28.1060, 16.5489



50.4708, 70.1565, 87.2307

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.



18.9584, 28.1060, 78.6675



42.5141, 28.1060, 16.5489



14.6144, 28.1060, 26.3261

Square

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



42.5141, 28.1060, 16.5489



21.2035, 28.1060, 6.0079



15.4119, 28.1060, 50.9603



33.1048, 28.1060, 87.4033

Rectangle

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



42.5141, 28.1060, 16.5489



31.0047, 28.1060, 5.3765



15.4119, 28.1060, 50.9603



22.8384, 28.1060, 91.3649

Sweetspot

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



42.5148, 28.1075, 16.5494



75.8701, 71.6321, 71.7033



53.2109, 32.1164, 85.0556



15.6728, 14.4962, 14.2431



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.



42.5148, 28.1075, 16.5494



45.2440, 26.7743, 10.9526



50.6259, 44.8815, 17.5521



15.8046, 15.7715, 16.5271



19.7214, 10.1610, 1.1833



1.6517, 0.8497, 0.1569

Inverse Universe

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



42.5148, 28.1075, 16.5494



45.2440, 26.7743, 10.9526



36.0558, 39.7050, 87.4245



15.8046, 15.7715, 16.5271



19.7214, 10.1610, 1.1833



1.6517, 0.8497, 0.1569

Previews

White Background



This preview shows how the XYZ color 42.5141, 28.1060, 16.5489 looks on a white background.

Color Contrast Check

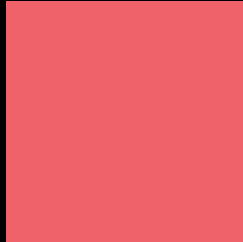
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5141, 28.1060, 16.5489 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 42.5141, 28.1060, 16.5489

Background



This preview shows how black text looks on a background with the XYZ color 42.5141, 28.1060, 16.5489.



This preview shows how white text looks on a background with the XYZ color 42.5141, 28.1060,

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

42.5141, 28.1060, 16.5489

Protanopia

26.8402, 28.4326, 23.8121

Deuteranopia

28.6708, 28.2313, 15.4933



Tritanopia

42.4630, 28.0856, 16.2797

Trichromacy



Original Color

42.5141, 28.1060, 16.5489

Protanomaly

30.7564, 26.9367, 20.7178

Deuteranomaly

32.5826, 27.2252, 15.8496

Tritanomaly

42.4630, 28.0856, 16.2797

Monochromacy



Original Color

42.5141, 28.1060, 16.5489

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.3614, 25.5729, 23.8106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5141, 28.1060, 16.5489 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(239, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(239, 98, 105)  
}
```

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(239, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 98, 105) }
```

Border

The CSS property to change the border of an element to XYZ 42.5141, 28.1060, 16.5489 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(239, 98, 105) }
```


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

```
.border{ border-color:rgb(239, 98, 105) }
```

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

Here you see how a box with a 4 pixel rgb(239, 98, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 98, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 98, 105);  
box-shadow:4px 4px 4px 4px rgb(239, 98,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5141, 28.1060, 16.5489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 98, 105) }
```

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

```
.background{ background-color: rgb(239, 98,  
105) }
```

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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