

Converting Colors

XYZ(42.6082, 28.2943, 16.5802)

Have a look what the booklet for
XYZ(42.6082, 28.2943, 16.5802)
contains.

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Color

**XYZ(42.6082, 28.2943,
16.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	EF6369
RGB	239, 99, 105
RGB Percent	94%, 39%, 41%
CMY	0.0627, 0.6117, 0.5882
CMYK	0.00, 0.59, 0.56, 0.06
HSL	357°, 81%, 66%
HSV	357°, 59%, 94%
XYZ	42.6082, 28.2943, 16.5802
YIQ	141.5440, 81.5140, 31.5460

Conversions

Conversions Part 2

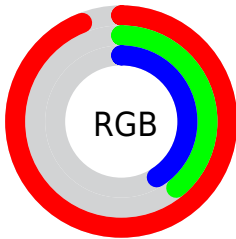
Format	Color
R_{YB}	239, 99, 105
Decimal	15688553
CIE _{Lab}	60.15, 54.42, 24.50
CIE _{LCh}	60, 59.679, 24.237
Yxy	28.2943, 0.4870, 0.3234
Android (android.graphics.Color)	4293878633 (0xFFEF6369)
YUV	141.5440, -18.0162, 85.4689
Hunter-Lab	53.1924, 49.8955, 18.7538

Details

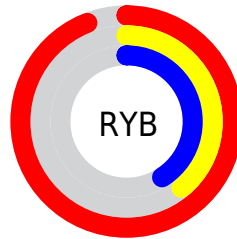
The XYZ color **42.6082, 28.2943, 16.5802** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **50.7219, 70.2694, 87.9863**, and the grayscale version is **25.5785, 26.9106, 29.3056**.

A 20% lighter version of the original color is **58.7964, 46.7715, 37.3814**, and **19.7231, 11.3085, 5.1462** is the 20% darker color. If you saturate the color by 10%, you get **39.6476, 24.0086, 10.5518**, and if you desaturate by 10%, it is **46.5562, 34.0491, 24.4982**.

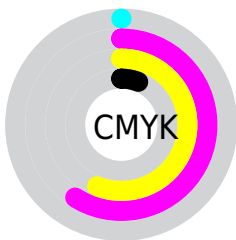
Distribution



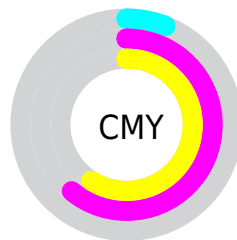
- Red (94%)
- Green (39%)
- Blue (41%)



- Red (94%)
- Yellow (39%)
- Blue (41%)



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




- Cyan (6%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6082, 28.2943, 16.5802 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 42.6082, 28.2943, 16.5802 by changing the saturation by 10% instead.


 42.6082, 28.2943,
16.5802


 42.6082, 28.2943,
16.5802

347.9469,
293.8705, 244.7029

 29.7710, 18.5476,
9.7769


 78.3787, 56.9540,
38.3833


 19.8121, 11.3439,
5.1476


 102.0427, 76.6357,
54.2201

 12.3660, 6.2986,
2.2739


 130.0464,
100.3980, 73.9052

 7.0674, 3.0275,
0.7165

 162.7550,
128.6252, 97.8570

 3.5510, 1.1461,
0.0000

200.5341,
161.7016, 126.4941

 1.4514, 0.0170,
0.0000

243.7488,

 0.2924, 0.0000,

200.0117, 160.2352

0.0000

292.7646,
243.9399, 199.4986

■ 0.0000, 0.0000,
0.0000

■ 42.6082, 28.2943,
16.5802

■ 42.6082, 28.2943,
16.5802

■ 39.6476, 24.0086,
10.5518

■ 46.5562, 34.0491,
24.4982

■ 37.5852, 21.0549,
6.2543

■ 51.5663, 41.3849,
34.4440

■ 36.3196, 19.2784,
3.5057

■ 57.7084, 50.4080,
46.5444

■ 35.7093, 18.4550,
2.0777

■ 65.0456, 61.2142,
60.9157

■ 35.6525, 18.3730,
1.9610

■ 73.6368, 73.8922,
77.6657

■ 83.5366, 88.5247,
96.8952

■ 89.4064, 97.0906,
108.6359

Harmonies

Analogous

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



44.2862, 28.2943, 35.2214



42.6082, 28.2943, 16.5802



36.4087, 28.2943, 7.7467

Triad

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



42.6082, 28.2943, 16.5802



16.6601, 28.2943, 12.2007



25.4467, 28.2943, 94.3551

Complementary

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



42.6082, 28.2943, 16.5802



50.7219, 70.2694, 87.9863

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.



19.1989, 28.2943, 79.0133



42.6082, 28.2943, 16.5802



14.7795, 28.2943, 26.7790

Square

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



42.6082, 28.2943, 16.5802



21.3096, 28.2943, 6.1847



15.6124, 28.2943, 51.4706



33.3750, 28.2943, 87.1835

Rectangle

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



42.6082, 28.2943, 16.5802



31.0777, 28.2943, 5.4850



15.6124, 28.2943, 51.4706



23.1017, 28.2943, 91.5004

Sweetspot

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



42.6089, 28.2959, 16.5807



75.8310, 71.6164, 71.4972



53.3212, 32.3130, 85.0876



15.6635, 14.4925, 14.1941



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.



42.6089, 28.2959, 16.5807



45.4648, 27.1403, 11.2587



50.7701, 45.0939, 17.8346



15.8002, 15.7698, 16.5042



19.7145, 10.1582, 1.1473



1.6496, 0.8489, 0.1459

Inverse Universe

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



42.6089, 28.2959, 16.5807



45.4648, 27.1403, 11.2587



36.2524, 39.9371, 87.4588



15.8002, 15.7698, 16.5042



19.7145, 10.1582, 1.1473



1.6496, 0.8489, 0.1459

Previews

White Background



This preview shows how the XYZ color 42.6082, 28.2943, 16.5802 looks on a white background.

Color Contrast Check

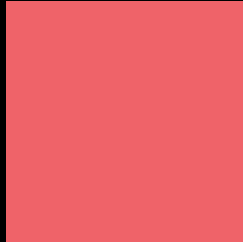
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6082, 28.2943, 16.5802 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 42.6082, 28.2943, 16.5802

Background



This preview shows how black text looks on a background with the XYZ color 42.6082, 28.2943, 16.5802.



This preview shows how white text looks on a background with the XYZ color 42.6082, 28.2943,

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

42.6082, 28.2943, 16.5802

Protanopia

26.8402, 28.4326, 23.8121

Deuteranopia

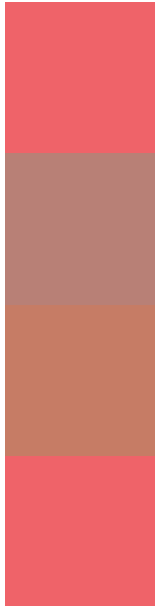
28.8928, 28.3458, 15.5037



Tritanopia

42.6082, 28.2943, 16.5802

Trichromacy



Original Color

42.6082, 28.2943, 16.5802

Protanomaly

30.7564, 26.9367, 20.7178

Deuteranomaly

32.8453, 27.3607, 15.8619

Tritanomaly

42.6082, 28.2943, 16.5802

Monochromacy



Original Color

42.6082, 28.2943, 16.5802

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.5548, 25.8538, 24.2015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6082, 28.2943, 16.5802 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, 99, 105)` looks like.

```
.text, #text, p{  
    color:rgb(239, 99, 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, 99, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 99, 105) }
```

Border

The CSS property to change the border of an element to XYZ 42.6082, 28.2943, 16.5802 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, 99, 105) }
```


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

```
.border{ border-color:rgb(239, 99, 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, 99, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 99, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 99, 105);  
box-shadow:4px 4px 4px 4px rgb(239, 99,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6082, 28.2943, 16.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 99, 105) }
```

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

```
.background{ background-color: rgb(239, 99,  
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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