

Converting Colors

XYZ(42.9070, 29.4926, 20.9031)

Have a look what the booklet for
XYZ(42.9070, 29.4926, 20.9031)
contains.

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Color

**XYZ(42.8484, 29.5095,
20.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6B77
RGB	235, 107, 119
RGB Percent	92%, 42%, 47%
CMY	0.0784, 0.5804, 0.5333
CMYK	0.00, 0.54, 0.49, 0.08
HSL	354°, 76%, 67%
HSV	354°, 54%, 92%
XYZ	42.8484, 29.5095, 20.8903
YIQ	146.6400, 72.4360, 30.8680

Conversions

Conversions Part 2

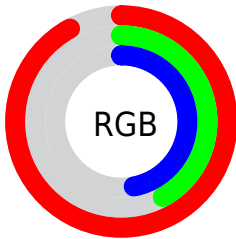
Format	Color
R _Y B	235, 107, 119
Decimal	15428471
CIE Lab	61.23, 50.50, 17.80
CIE LCh	61, 53.548, 19.416
Yxy	29.5095, 0.4595, 0.3165
Android (android.graphics.Color)	4293618551 (0xFFEB6B77)
YUV	146.6400, -13.6265, 77.4917
Hunter-Lab	54.3226, 45.7319, 15.2253

Details

The XYZ color **42.8484, 29.5095, 20.8903** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **49.0928, 67.8708, 80.3297**, and the grayscale version is **27.6191, 29.0575, 31.6436**.

A 20% lighter version of the original color is **61.5110, 50.0409, 44.9450**, and **20.0445, 12.0249, 7.2258** is the 20% darker color. If you saturate the color by 10%, you get **39.5837, 24.8029, 14.1830**, and if you desaturate by 10%, it is **47.0669, 35.6651, 29.3300**.

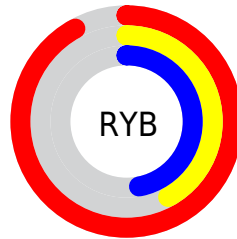
Distribution



Red (92%)

Green (42%)

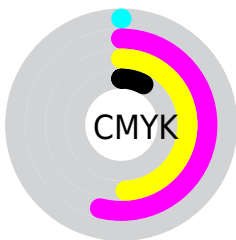
Blue (47%)



Red (92%)

Yellow (42%)

Blue (47%)

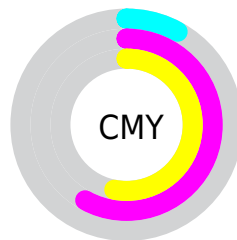


Cyan (0%)

Magenta (54%)

Yellow (49%)

Black (8%)



Cyan (8%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8484, 29.5095, 20.8903 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 42.8484, 29.5095, 20.8903 by changing the saturation by 10% instead.


 42.8484, 29.5095,
20.8903


 42.8484, 29.5095,
20.8903


348.9200,
299.6114, 269.4568


 29.9602, 19.4666,
12.8534


 78.7392, 58.8856,
45.7833


 19.9563, 12.0079,
7.1981

 102.4725, 78.9876,
63.4765

 12.4714, 6.7491,
3.5060

 130.5515,
103.2114, 85.2255

 7.1400, 3.3057,
1.3584

 163.3416,
131.9414, 111.4488

 3.5969, 1.2933,
0.1090

201.2081,
165.5620, 142.5651

 1.4767, 0.1360,
0.0000

244.5165,

 0.3099, 0.0000,

204.4576, 178.9928

0.0000

293.6320,
249.0126, 221.1506

■ 0.0000, 0.0000,
0.0000

■ 42.8484, 29.5095,
20.8903

■ 42.8484, 29.5095,
20.8903

■ 39.5837, 24.8029,
14.1830

■ 47.0669, 35.6651,
29.3300

■ 37.1957, 21.4221,
9.0859

■ 52.3035, 43.3702,
39.6094

■ 35.5993, 19.2317,
5.4637

■ 58.6197, 52.7219,
51.8291

■ 34.6908, 18.0645,
3.1573

■ 66.0715, 63.8079,
66.0819

■ 34.4058, 17.7201,
2.3670

■ 74.7108, 76.7098,
82.4545

■ 84.5865, 91.5040,
101.0288

■ 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.



43.5680, 29.5095, 39.7898



42.8484, 29.5095, 20.8903



37.8073, 29.5095, 10.7668

Triad

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



42.8484, 29.5095, 20.8903



18.9729, 29.5095, 12.9345



25.6345, 29.5095, 87.2849

Complementary

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



42.8484, 29.5095, 20.8903



49.0928, 67.8708, 80.3297

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.



20.1316, 29.5095, 71.4781



42.8484, 29.5095, 20.8903



16.7356, 29.5095, 25.5237

Square

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



42.8484, 29.5095, 20.8903



23.7846, 29.5095, 7.6842



17.1209, 29.5095, 46.8169



32.7924, 29.5095, 84.3111

Rectangle

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



42.8484, 29.5095, 20.8903



33.0809, 29.5095, 7.7887



17.1209, 29.5095, 46.8169



23.5532, 29.5095, 83.7982

Sweetspot

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



42.8491, 29.5111, 20.8908



77.9951, 74.5176, 76.6180



50.4395, 32.0764, 82.1298



16.2826, 15.3370, 15.6141



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.



42.8491, 29.5111, 20.8908



47.3718, 29.4619, 16.4955



49.1768, 43.2474, 19.6678



15.1228, 15.0770, 15.9319



19.1687, 9.8702, 1.4237



1.5248, 0.7829, 0.2148

Inverse Universe

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



42.8491, 29.5111, 20.8908



47.3718, 29.4619, 16.4955



38.1593, 43.3236, 84.9480



15.1228, 15.0770, 15.9319



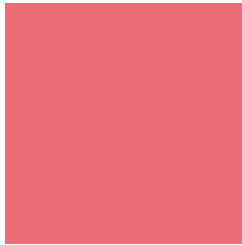
19.1687, 9.8702, 1.4237



1.5248, 0.7829, 0.2148

Previews

White Background



This preview shows how the XYZ color 42.8484, 29.5095, 20.8903 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 42.8484, 29.5095, 20.8903 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 42.8484, 29.5095, 20.8903

Background



This preview shows how black text looks on a background with the XYZ color 42.8484, 29.5095, 20.8903.



This preview shows how white text looks on a background with the XYZ color 42.8484, 29.5095,

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

42.8484, 29.5095, 20.8903

Protanopia

28.3870, 29.8162, 28.6850

Deuteranopia

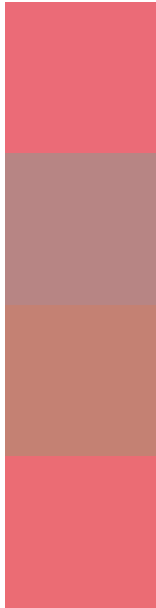
30.1092, 29.5369, 19.7371



Tritanopia

42.7180, 29.6251, 19.6864

Trichromacy



Original Color

42.8484, 29.5095, 20.8903

Protanomaly

32.0808, 28.5083, 25.6416

Deuteranomaly

33.7097, 28.6741, 19.9776

Tritanomaly

42.7759, 29.6482, 19.9911

Monochromacy



Original Color

42.8484, 29.5095, 20.8903

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.3570, 27.8924, 27.3980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8484, 29.5095, 20.8903 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, 107, 119)` looks like.

```
.text, #text, p{  
    color:rgb(235, 107, 119)  
}
```

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, 107, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 107, 119) }
```

Border

The CSS property to change the border of an element to XYZ 42.8484, 29.5095, 20.8903 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, 107, 119) }
```


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

```
.border{ border-color:rgb(235, 107, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 107, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 107, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 107, 119);  
box-shadow:4px 4px 4px 4px rgb(235, 107,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8484, 29.5095, 20.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 107, 119) }
```

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

```
.background{ background-color: rgb(235,  
107, 119) }
```

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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