

Converting Colors

XYZ(41.8997, 29.3540, 19.9805)

Have a look what the booklet for
XYZ(41.8997, 29.3540, 19.9805)
contains.

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Color

**XYZ(41.8997, 29.3540,
19.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	E86D74
RGB	232, 109, 116
RGB Percent	91%, 43%, 45%
CMY	0.0902, 0.5725, 0.5451
CMYK	0.00, 0.53, 0.50, 0.09
HSL	357°, 73%, 67%
HSV	357°, 53%, 91%
XYZ	41.8997, 29.3540, 19.9805
YIQ	146.5750, 71.0610, 28.2530

Conversions

Conversions Part 2

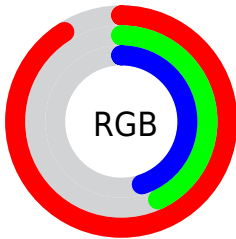
Format	Color
R _Y B	232, 109, 116
Decimal	15232372
CIE Lab	61.09, 48.24, 19.27
CIE LCh	61, 51.943, 21.772
Yxy	29.3540, 0.4593, 0.3217
Android (android.graphics.Color)	4293422452 (0xFFE86D74)
YUV	146.5750, -15.0735, 74.9177
Hunter-Lab	54.1793, 43.2295, 16.0603

Details

The XYZ color **41.8997, 29.3540, 19.9805** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.7555, 66.4013, 81.4856**, and the grayscale version is **27.5984, 29.0356, 31.6198**.

A 20% lighter version of the original color is **61.5833, 50.6381, 43.5741**, and **19.4228, 11.9204, 6.7460** is the 20% darker color. If you saturate the color by 10%, you get **38.6168, 24.5909, 13.3291**, and if you desaturate by 10%, it is **46.1369, 35.5461, 28.4292**.

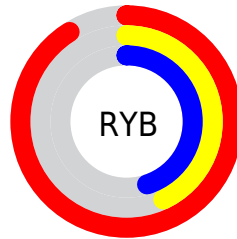
Distribution



Red (91%)

Green (43%)

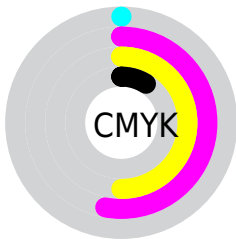
Blue (45%)



Red (91%)

Yellow (43%)

Blue (45%)

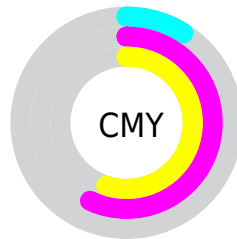


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (9%)



Cyan (9%)


Magenta (57%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8997, 29.3540, 19.9805 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 41.8997, 29.3540, 19.9805 by changing the saturation by 10% instead.


 41.8997, 29.3540,
19.9805

 41.8997, 29.3540,
19.9805


345.0657,
298.8816, 264.4103


 29.2135, 19.3488,
12.1969


 77.3139, 58.6391,
44.2430


 19.3875, 11.9226,
6.7538


 100.7727, 78.6877,
61.5591

 12.0563, 6.6910,
3.2325


 128.5530,
102.8529, 82.8897

 6.8545, 3.2696,
1.2145

 161.0203,
131.5191, 108.6534

 3.4168, 1.2741,
0.0000

198.5398,
165.0706, 139.2688

 1.3778, 0.1210,
0.0000

241.4770,

 0.2403, 0.0000,

203.8920, 175.1544

0.0000

290.1972,
248.3675, 216.7287

■ 0.0000, 0.0000,
0.0000

■ 41.8997, 29.3540,
19.9805

■ 41.8997, 29.3540,
19.9805

■ 38.6168, 24.5909,
13.3291

■ 46.1369, 35.5461,
28.4292

■ 36.2119, 21.1384,
8.3434

■ 51.3922, 43.2640,
38.7909

■ 34.6010, 18.8671,
4.8763

■ 57.7267, 52.6014,
51.1734

■ 33.6823, 17.6186,
2.7543

■ 65.1960, 63.6432,
65.6760

■ 33.3525, 17.1853,
1.9465

■ 73.8516, 76.4684,
82.3915

■ 83.7423, 91.1510,
101.4071

■ 87.0886, 95.8957,
108.5274

Harmonies

Analogous

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



42.9557, 29.3540, 37.6298



41.8997, 29.3540, 19.9805



36.8046, 29.3540, 10.6379

Triad

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



41.8997, 29.3540, 19.9805



18.8326, 29.3540, 13.9298



26.0691, 29.3540, 85.2389

Complementary

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



41.8997, 29.3540, 19.9805



48.7555, 66.4013, 81.4856

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.



20.5618, 29.3540, 71.3575



41.8997, 29.3540, 19.9805



16.8511, 29.3540, 26.8931

Square

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



41.8997, 29.3540, 19.9805



23.3232, 29.3540, 8.2646



17.4281, 29.3540, 47.9715



33.0397, 29.3540, 80.9158

Rectangle

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



41.8997, 29.3540, 19.9805



32.1961, 29.3540, 7.9471



17.4281, 29.3540, 47.9715



24.0043, 29.3540, 82.3967

Sweetspot

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



41.9004, 29.3556, 19.9810



77.7992, 74.4392, 75.5865



50.7134, 32.5804, 79.9594



16.2367, 15.3186, 15.3722



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.



41.9004, 29.3556, 19.9810



47.4027, 29.8208, 15.5900



49.0132, 44.2079, 20.4198



14.4101, 14.3812, 15.0938



18.5306, 9.5465, 1.1574



1.3811, 0.7102, 0.1476

Inverse Universe

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



41.9004, 29.3556, 19.9810



47.4027, 29.8208, 15.5900



36.9336, 41.1991, 82.3493



14.4101, 14.3812, 15.0938



18.5306, 9.5465, 1.1574



1.3811, 0.7102, 0.1476

Previews

White Background



This preview shows how the XYZ color 41.8997, 29.3540, 19.9805 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 41.8997, 29.3540, 19.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

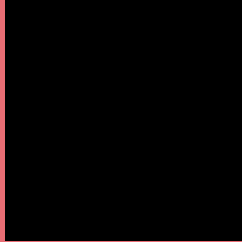
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8997, 29.3540, 19.9805

Background



This preview shows how black text looks on a background with the XYZ color 41.8997, 29.3540, 19.9805.



This preview shows how white text looks on a background with the XYZ color 41.8997, 29.3540,

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

41.8997, 29.3540, 19.9805

Protanopia

28.1333, 29.4867, 27.1304

Deuteranopia

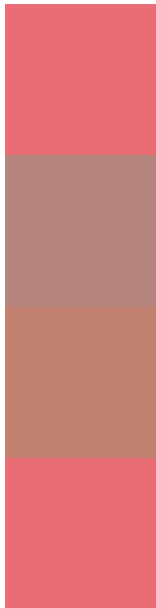
29.9978, 29.4924, 19.1505



Tritanopia

41.8997, 29.3540, 19.9805

Trichromacy



Original Color

41.8997, 29.3540, 19.9805

Protanomaly

31.5752, 28.2787, 24.2162

Deuteranomaly

33.4689, 28.7596, 19.4099

Tritanomaly

41.8997, 29.3540, 19.9805

Monochromacy



Original Color

41.8997, 29.3540, 19.9805

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.1916, 28.0176, 27.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8997, 29.3540, 19.9805 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(232, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(232, 109, 116)  
}
```

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(232, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 109, 116) }
```

Border

The CSS property to change the border of an element to XYZ 41.8997, 29.3540, 19.9805 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(232, 109, 116) }
```


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

```
.border{ border-color:rgb(232, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(232, 109,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8997, 29.3540, 19.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 109, 116) }
```

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

```
.background{ background-color: rgb(232,  
109, 116) }
```

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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