

Converting Colors

XYZ(41.4385, 29.4087, 18.3877)

Have a look what the booklet for
XYZ(41.4385, 29.4087, 18.3877)
contains.

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Color

**XYZ(41.5087, 29.5055,
18.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	E76F6F
RGB	231, 111, 111
RGB Percent	91%, 44%, 44%
CMY	0.0941, 0.5647, 0.5647
CMYK	0.00, 0.52, 0.52, 0.09
HSL	0°, 71%, 67%
HSV	0°, 52%, 91%
XYZ	41.5087, 29.5055, 18.5463
YIQ	146.8800, 71.5200, 25.4400

Conversions

Conversions Part 2

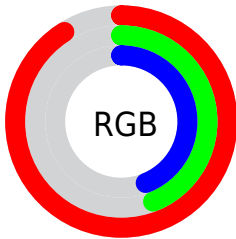
Format	Color
R_{YB}	231, 111, 111
Decimal	15167343
CIE Lab	61.23, 46.48, 22.28
CIE LCh	61, 51.545, 25.612
Yxy	29.5055, 0.4635, 0.3294
Android (android.graphics.Color)	4293357423 (0xFFE76F6F)
YUV	146.8800, -17.6888, 73.7732
Hunter-Lab	54.3190, 41.3454, 17.7797

Details

The XYZ color **41.5087, 29.5055, 18.5463** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.5535, 66.2972, 85.7860**, and the grayscale version is **27.7346, 29.1789, 31.7759**.

A 20% lighter version of the original color is **61.3060, 50.8146, 41.2274**, and **19.2048, 12.0429, 6.0149** is the 20% darker color. If you saturate the color by 10%, you get **38.1945, 24.6563, 11.9571**, and if you desaturate by 10%, it is **45.8048, 35.7924, 27.0856**.

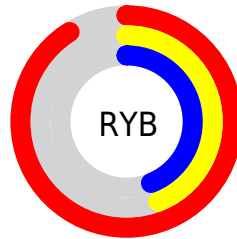
Distribution



Red (91%)

Green (44%)

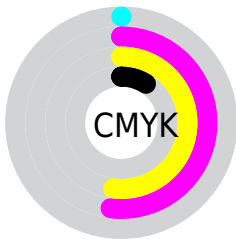
Blue (44%)



Red (91%)

Yellow (44%)

Blue (44%)

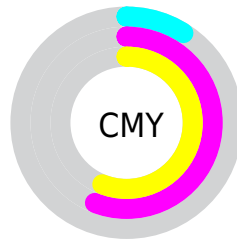


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (9%)



Cyan (9%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5087, 29.5055, 18.5463 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 41.5087, 29.5055, 18.5463 by changing the saturation by 10% instead.


 41.5087, 29.5055,
18.5463


 41.5087, 29.5055,
18.5463


343.4686,
299.5926, 256.2712

 28.9062, 19.4636,
11.1694

 76.7254, 58.8793,
41.7925


 19.1538, 12.0057,
6.0653


 100.0702, 78.9799,
58.4988

 11.8861, 6.7476,
2.8154


 127.7266,
103.2022, 79.1521

 6.7378, 3.3047,
1.0012

 160.0599,
131.9305, 104.1709

 3.3436, 1.2928,
0.0000

197.4353,
165.5494, 133.9736

 1.3379, 0.1356,
0.0000

240.2184,

 0.2113, 0.0000,

204.4431, 168.9789

0.0000

288.7744,
248.9960, 209.6052

■ 0.0000, 0.0000,
0.0000

■ 41.5087, 29.5055,
18.5463

■ 41.5087, 29.5055,
18.5463

■ 38.1945, 24.6563,
11.9571

■ 45.8048, 35.7924,
27.0856

■ 35.7827, 21.1270,
7.1628

■ 51.1495, 43.6134,
37.7106

■ 34.1852, 18.7894,
3.9875

■ 57.6064, 53.0616,
50.5466

■ 33.2954, 17.4873,
2.2189

■ 65.2333, 64.2219,
65.7085

■ 32.9550, 16.9891,
1.5423

■ 74.0840, 77.1730,
83.3035

■ 84.2090, 91.9887,
103.4319

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



43.1427, 29.5055, 35.0665



41.5087, 29.5055, 18.5463



36.0645, 29.5055, 10.1252

Triad

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



41.5087, 29.5055, 18.5463



18.6083, 29.5055, 15.3252



27.0591, 29.5055, 85.5353

Complementary

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



41.5087, 29.5055, 18.5463



49.5535, 66.2972, 85.7860

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.



21.3108, 29.5055, 73.8009



41.5087, 29.5055, 18.5463



16.9567, 29.5055, 29.3556

Square

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



41.5087, 29.5055, 18.5463



22.7810, 29.5055, 8.8599



17.8603, 29.5055, 51.1048



34.0611, 29.5055, 78.8832

Rectangle

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



41.5087, 29.5055, 18.5463



31.4075, 29.5055, 7.8439



17.8603, 29.5055, 51.1048



24.9298, 29.5055, 83.5135

Sweetspot

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



41.5094, 29.5071, 18.5468



77.5009, 74.3208, 74.0129



53.0632, 34.1275, 79.3916



16.1668, 15.2909, 15.0038



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.



41.5094, 29.5071, 18.5468



47.6592, 30.6537, 14.6897



50.3872, 47.2625, 21.5061



14.3771, 14.3681, 14.9200



18.4751, 9.5244, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



49.5535, 66.2972, 85.7860



58.7264, 81.2705, 107.1993



35.5424, 38.2750, 81.1156



14.8075, 16.3363, 18.5171



24.1044, 35.2708, 47.9207



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 41.5087, 29.5055, 18.5463 looks on a white background.

Color Contrast Check

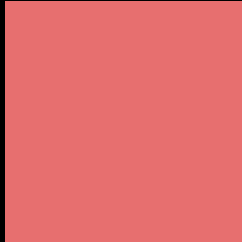
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5087, 29.5055, 18.5463 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 41.5087, 29.5055, 18.5463

Background



This preview shows how black text looks on a background with the XYZ color 41.5087, 29.5055, 18.5463.



This preview shows how white text looks on a background with the XYZ color 41.5087, 29.5055,

18.5463.

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

41.5087, 29.5055, 18.5463

Protanopia

28.0038, 29.7069, 24.6801

Deuteranopia

30.1790, 29.6167, 17.7617



Tritanopia

41.8009, 29.4488, 20.6206

Trichromacy



Original Color

41.5087, 29.5055, 18.5463

Protanomaly

31.7053, 28.8004, 22.3003

Deuteranomaly

33.5880, 29.0511, 18.0245

Tritanomaly

41.6254, 29.3786, 19.6964

Monochromacy



Original Color

41.5087, 29.5055, 18.5463

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.1883, 28.2364, 26.3606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5087, 29.5055, 18.5463 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(231, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(231, 111, 111)  
}
```

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(231, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 111, 111) }
```

Border

The CSS property to change the border of an element to XYZ 41.5087, 29.5055, 18.5463 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(231, 111, 111) }
```


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

```
.border{ border-color:rgb(231, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(231, 111,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5087, 29.5055, 18.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 111, 111) }
```

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

```
.background{ background-color: rgb(231,  
111, 111) }
```

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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