

Converting Colors

XYZ(40.7353, 29.5823, 19.4846)

Have a look what the booklet for
XYZ(40.7353, 29.5823, 19.4846)
contains.

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Color

**XYZ(40.7331, 29.5804,
19.4823)**

Conversions

Conversions Part 1

Format	Color
Hex	E37272
RGB	227, 114, 114
RGB Percent	89%, 45%, 45%
CMY	0.1098, 0.5529, 0.5529
CMYK	0.00, 0.50, 0.50, 0.11
HSL	0°, 67%, 67%
HSV	0°, 50%, 89%
XYZ	40.7331, 29.5804, 19.4823
YIQ	147.7870, 67.3480, 23.9560

Conversions

Conversions Part 2

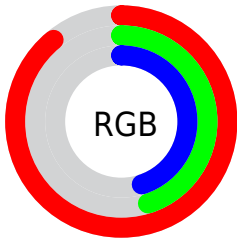
Format	Color
R _Y B	227, 114, 114
Decimal	14905970
CIE Lab	61.29, 43.82, 20.56
CIE LCh	61, 48.404, 25.135
Yxy	29.5804, 0.4536, 0.3294
Android (android.graphics.Color)	4293096050 (0xFFE37272)
YUV	147.7870, -16.6570, 69.4698
Hunter-Lab	54.3879, 38.5065, 16.8332

Details

The XYZ color **40.7331, 29.5804, 19.4823** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.2719, 64.0582, 82.4930**, and the grayscale version is **28.1080, 29.5718, 32.2037**.

A 20% lighter version of the original color is **62.1256, 52.0184, 42.8426**, and **18.6423, 12.0541, 6.4984** is the 20% darker color. If you saturate the color by 10%, you get **37.3473, 24.6263, 12.7507**, and if you desaturate by 10%, it is **45.0762, 35.9362, 28.1152**.

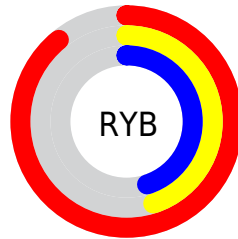
Distribution



Red (89%)

Green (45%)

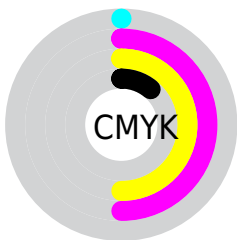
Blue (45%)



Red (89%)

Yellow (45%)

Blue (45%)

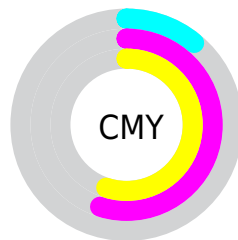


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (11%)



Cyan (11%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7331, 29.5804, 19.4823 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 40.7331, 29.5804, 19.4823 by changing the saturation by 10% instead.


 40.7331, 29.5804,
19.4823


 40.7331, 29.5804,
19.4823


340.2855,
299.9437, 261.6094

 28.2973, 19.5203,
11.8390


 75.5558, 58.9980,
43.3950


 18.6915, 12.0468,
6.5129


 98.6735, 79.1242,
60.5014

 11.5503, 6.7756,
3.0856


 126.0826,
103.3747, 81.5993

 6.5082, 3.3222,
1.1385

 158.1483,
132.1338, 107.1072

 3.2001, 1.3021,
0.0000

195.2361,
165.7858, 137.4436

 1.2604, 0.1429,
0.0000

237.7114,

 0.1533, 0.0000,

204.7152, 173.0271

0.0000

285.9394,
249.3064, 214.2762

■ 0.0000, 0.0000,
0.0000

■ 40.7331, 29.5804,
19.4823

■ 40.7331, 29.5804,
19.4823

■ 37.3473, 24.6263,
12.7507

■ 45.0762, 35.9362,
28.1152

■ 34.8444, 20.9639,
7.7754

■ 50.4391, 43.7836,
38.7762

■ 33.1431, 18.4743,
4.3936


■ 56.8814, 53.2106,
51.5833


■ 32.1457, 17.0147,
2.4111


■ 64.4578, 64.2969,
66.6448

■ 31.6867, 16.3431,
1.4988

■ 73.2190, 77.1170,
84.0619

 31.6786, 16.3311,
1.4826

 83.2129, 91.7408,
103.9295

 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



42.1791, 29.5804, 35.2774



40.7331, 29.5804, 19.4823



35.7188, 29.5804, 11.1408

Triad

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



40.7331, 29.5804, 19.4823



19.2112, 29.5804, 16.0224



27.0886, 29.5804, 81.3623

Complementary

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



40.7331, 29.5804, 19.4823



48.2719, 64.0582, 82.4930

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.



21.6755, 29.5804, 70.4402



40.7331, 29.5804, 19.4823



17.5870, 29.5804, 29.3221

Square

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



40.7331, 29.5804, 19.4823



23.2247, 29.5804, 9.7374



18.4161, 29.5804, 49.5337



33.6484, 29.5804, 75.5757

Rectangle

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



40.7331, 29.5804, 19.4823



31.3779, 29.5804, 8.8012



18.4161, 29.5804, 49.5337



25.0870, 29.5804, 79.4336

Sweetspot

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



40.7338, 29.5819, 19.4828



78.4809, 75.7547, 75.9610



51.5609, 33.9117, 76.5008



16.3598, 15.5732, 15.3873



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.



40.7338, 29.5819, 19.4828



48.3904, 31.7237, 16.1432



49.1844, 46.4831, 22.2997



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.



48.2719, 64.0582, 82.4930



59.2869, 81.5596, 107.2256



35.2733, 38.0609, 78.1601



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 40.7331, 29.5804, 19.4823 looks on a white background.

Color Contrast Check

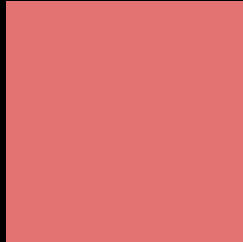
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7331, 29.5804, 19.4823 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 40.7331, 29.5804, 19.4823

Background



This preview shows how black text looks on a background with the XYZ color 40.7331, 29.5804, 19.4823.



This preview shows how white text looks on a background with the XYZ color 40.7331, 29.5804,

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

40.7331, 29.5804, 19.4823

Protanopia

28.1367, 29.7601, 25.3804

Deuteranopia

30.3378, 29.6802, 18.5979



Tritanopia

41.0349, 29.5216, 21.6246

Trichromacy



Original Color

40.7331, 29.5804, 19.4823

Protanomaly

31.4983, 28.8873, 22.9845

Deuteranomaly

33.6262, 29.2523, 18.9129

Tritanomaly

40.8537, 29.4492, 20.6706

Monochromacy



Original Color

40.7331, 29.5804, 19.4823

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.3796, 28.7330, 27.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7331, 29.5804, 19.4823 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(227, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(227, 114, 114)  
}
```

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(227, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 114, 114) }
```

Border

The CSS property to change the border of an element to XYZ 40.7331, 29.5804, 19.4823 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(227, 114, 114) }
```


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

```
.border{ border-color:rgb(227, 114, 114) }
```

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

Here you see how a box with a 4 pixel rgb(227, 114, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(227, 114,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7331, 29.5804, 19.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 114, 114) }
```

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

```
.background{ background-color: rgb(227,  
114, 114) }
```

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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