

Converting Colors

XYZ(38.5450, 27.1413, 18.0339)

Have a look what the booklet for
XYZ(38.5450, 27.1413, 18.0339)
contains.

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Color

**XYZ(38.7090, 27.2812,
17.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	E06A6E
RGB	224, 106, 110
RGB Percent	88%, 42%, 43%
CMY	0.1216, 0.5843, 0.5686
CMYK	0.00, 0.53, 0.51, 0.12
HSL	358°, 66%, 65%
HSV	358°, 53%, 88%
XYZ	38.7090, 27.2812, 17.9775
YIQ	141.7380, 69.0440, 26.2600

Conversions

Conversions Part 2

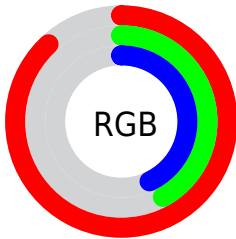
Format	Color
R_{YB}	224, 106, 110
Decimal	14707310
CIE _{Lab}	59.23, 46.34, 19.99
CIE _{LCh}	59, 50.465, 23.339
Yxy	27.2812, 0.4610, 0.3249
Android (android.graphics.Color)	4292897390 (0xFFE06A6E)
YUV	141.7380, -15.6468, 72.1438
Hunter-Lab	52.2314, 40.8824, 16.1550

Details

The XYZ color **38.7090, 27.2812, 17.9775** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.5194, 61.5434, 77.1943**, and the grayscale version is **25.6493, 26.9851, 29.3867**.

A 20% lighter version of the original color is **60.3324, 49.0102, 40.4625**, and **17.4801, 10.7976, 5.8655** is the 20% darker color. If you saturate the color by 10%, you get **35.6567, 22.8377, 11.8395**, and if you desaturate by 10%, it is **42.6532, 33.0483, 25.8327**.

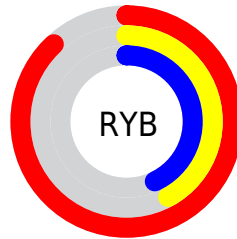
Distribution



Red (88%)

Green (42%)

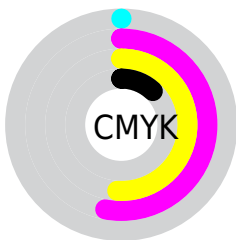
Blue (43%)



Red (88%)

Yellow (42%)

Blue (43%)

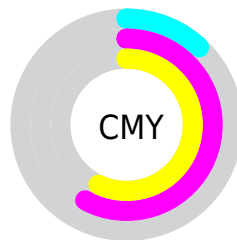


Cyan (0%)

Magenta (53%)

Yellow (51%)

Black (12%)



Cyan (12%)


Magenta (58%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7090, 27.2812, 17.9775 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 38.7090, 27.2812, 17.9775 by changing the saturation by 10% instead.


 38.7090, 27.2812,
17.9775


 38.7090, 27.2812,
17.9775

331.8802,
289.0161, 252.9760


 26.7131, 17.7845,
10.7646


 72.4905, 55.3348,
40.8124


 17.4934, 10.7954,
5.7966


 95.0068, 74.6605,
57.2714

 10.6843, 5.9294,
2.6550


 121.7606, 98.0313,
77.6496

 5.9207, 2.8022,
0.9206

 153.1174,
125.8316, 102.3654

 2.8371, 1.0294,
0.0000

189.4423,
158.4459, 131.8374

 1.0682, 0.0000,
0.0000

231.1009,

 0.0000, 0.0000,

196.2584, 166.4842

0.0000

278.4584,
239.6537, 206.7242

■ 38.7090, 27.2812,
17.9775

■ 38.7090, 27.2812,
17.9775

■ 35.6567, 22.8377,
11.8395

■ 42.6532, 33.0483,
25.8327

■ 33.4249, 19.6088,
7.2890

■ 47.5493, 40.2278,
35.5190

■ 31.9347, 17.4757,
4.1803

■ 53.4544, 48.9062,
47.1421

■ 31.0908, 16.2936,
2.3399

■ 60.4204, 59.1616,
60.7991

■ 30.7819, 15.8638,
1.6574

■ 68.4960, 71.0668,
76.5810

■ 77.7266, 84.6899,
94.5729

■ 84.5504, 94.5872,
108.4086

Harmonies

Analogous

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



39.9083, 27.2812, 33.9101



38.7090, 27.2812, 17.9775



33.8504, 27.2812, 9.6697

Triad

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



38.7090, 27.2812, 17.9775



17.3808, 27.2812, 13.4403



24.5510, 27.2812, 79.1615

Complementary

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



38.7090, 27.2812, 17.9775



45.5194, 61.5434, 77.1943

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.



19.3527, 27.2812, 67.0991



38.7090, 27.2812, 17.9775



15.6687, 27.2812, 25.8620

Square

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



38.7090, 27.2812, 17.9775



21.4236, 27.2812, 7.8889



16.3274, 27.2812, 45.6658



31.0277, 27.2812, 74.2630

Rectangle

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



38.7090, 27.2812, 17.9775



29.5579, 27.2812, 7.3318



16.3274, 27.2812, 45.6658



22.6118, 27.2812, 76.8368

Sweetspot

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



38.7097, 27.2826, 17.9780



77.6778, 74.3907, 74.9468



47.5527, 30.6123, 73.9232



16.2082, 15.3072, 15.2223



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.



38.7097, 27.2826, 17.9780



47.5639, 30.2438, 15.3334



45.7583, 41.7200, 19.2787



13.7259, 13.7080, 14.3270



17.9258, 9.2373, 1.0092



1.2492, 0.6430, 0.1054

Inverse Universe

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



38.7097, 27.2826, 17.9780



47.5639, 30.2438, 15.3334



33.9439, 37.5357, 75.9768



13.7259, 13.7080, 14.3270



17.9258, 9.2373, 1.0092



1.2492, 0.6430, 0.1054

Previews

White Background



This preview shows how the XYZ color 38.7090, 27.2812, 17.9775 looks on a white background.

Color Contrast Check

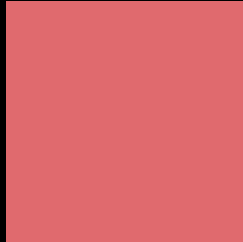
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7090, 27.2812, 17.9775 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 38.7090, 27.2812, 17.9775

Background



This preview shows how black text looks on a background with the XYZ color 38.7090, 27.2812, 17.9775.



This preview shows how white text looks on a background with the XYZ color 38.7090, 27.2812,

17.9775.

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

38.7090, 27.2812, 17.9775

Protanopia

26.1132, 27.5930, 24.3717

Deuteranopia

27.8576, 27.3463, 17.1747



Tritanopia

38.8751, 27.3476, 18.8525

Trichromacy



Original Color

38.7090, 27.2812, 17.9775

Protanomaly

29.3383, 26.5758, 21.6725

Deuteranomaly

31.1010, 26.8021, 17.4440

Tritanomaly

38.8191, 27.3252, 18.5575

Monochromacy



Original Color

38.7090, 27.2812, 17.9775

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.8928, 26.0829, 24.6308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7090, 27.2812, 17.9775 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(224, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 106, 110)  
}
```

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(224, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 106, 110) }
```

Border

The CSS property to change the border of an element to XYZ 38.7090, 27.2812, 17.9775 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(224, 106, 110) }
```


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

```
.border{ border-color:rgb(224, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 106,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7090, 27.2812, 17.9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 106, 110) }
```

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

```
.background{ background-color: rgb(224,  
106, 110) }
```

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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