

Converting Colors

XYZ(38.5210, 27.1686, 18.1067)

Have a look what the booklet for
XYZ(38.5210, 27.1686, 18.1067)
contains.

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Color

**XYZ(38.3999, 27.1218,
17.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6A6E
RGB	223, 106, 110
RGB Percent	87%, 42%, 43%
CMY	0.1255, 0.5843, 0.5686
CMYK	0.00, 0.52, 0.51, 0.13
HSL	358°, 65%, 65%
HSV	358°, 52%, 87%
XYZ	38.3999, 27.1218, 17.9630
YIQ	141.4390, 68.4480, 26.0480

Conversions

Conversions Part 2

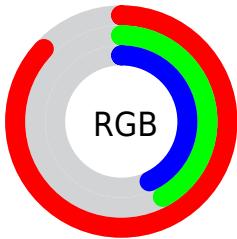
Format	Color
R_{YB}	223, 106, 110
Decimal	14641774
CIE _{Lab}	59.09, 45.98, 19.77
CIE _{LCh}	59, 50.050, 23.266
Yxy	27.1218, 0.4600, 0.3249
Android (android.graphics.Color)	4292831854 (0xFFDF6A6E)
YUV	141.4390, -15.4994, 71.5290
Hunter-Lab	52.0786, 40.4786, 16.0047

Details

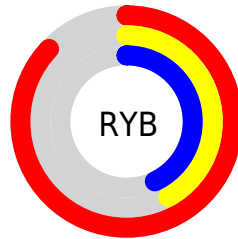
The XYZ color **38.3999, 27.1218, 17.9630** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.1192, 60.9545, 76.4091**, and the grayscale version is **25.5309, 26.8605, 29.2511**.

A 20% lighter version of the original color is **60.3324, 49.0102, 40.4625**, and **17.2746, 10.6916, 5.8558** is the 20% darker color. If you saturate the color by 10%, you get **35.3596, 22.6954, 11.8502**, and if you desaturate by 10%, it is **42.3240, 32.8598, 25.7768**.

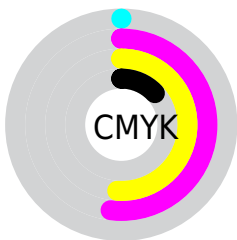
Distribution



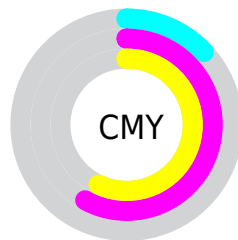
- Red (87%)
- Green (42%)
- Blue (43%)



- Red (87%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (52%)
- Yellow (51%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3999, 27.1218, 17.9630 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 38.3999, 27.1218, 17.9630 by changing the saturation by 10% instead.


 38.3999, 27.1218,
17.9630


 38.3999, 27.1218,
17.9630


330.5836,
288.2464, 252.8915


 26.4718, 17.6647,
10.7543


 72.0206, 55.0793,
40.7874


 17.3115, 10.7095,
5.7898


 94.4440, 74.3484,
57.2401

 10.5535, 5.8719,
2.6509


 121.0965, 97.6571,
77.6111

 5.8325, 2.7673,
0.9186

 152.3435,
125.3896, 102.3192

 2.7832, 1.0115,
0.0000

188.5504,
157.9304, 131.7827

 1.0402, 0.0000,
0.0000

230.0824,

 0.0000, 0.0000,

195.6639, 166.4202

0.0000

277.3051,
238.9744, 206.6503

■ 38.3999, 27.1218,
17.9630

■ 38.3999, 27.1218,
17.9630

■ 35.3596, 22.6954,
11.8502

■ 42.3240, 32.8598,
25.7768

■ 33.1327, 19.4734,
7.3106

■ 47.1910, 39.9973,
35.4039

■ 31.6414, 17.3384,
4.2006

■ 53.0573, 48.6195,
46.9485

■ 30.7920, 16.1482,
2.3498

■ 59.9743, 58.8035,
60.5067

■ 30.4730, 15.7046,
1.6438

■ 67.9899, 70.6213,
76.1680

■ 77.1490, 84.1402,
94.0165

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



39.5725, 27.1218, 33.7321



38.3999, 27.1218, 17.9630



33.6132, 27.1218, 9.7084

Triad

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



38.3999, 27.1218, 17.9630



17.3329, 27.1218, 13.4175



24.4014, 27.1218, 78.2754

Complementary

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



38.3999, 27.1218, 17.9630



45.1192, 60.9545, 76.4091

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.



19.2668, 27.1218, 66.3627



38.3999, 27.1218, 17.9630



15.6323, 27.1218, 25.6941

Square

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



38.3999, 27.1218, 17.9630



21.3373, 27.1218, 7.9182



16.2787, 27.1218, 45.2310



30.7968, 27.1218, 73.4944

Rectangle

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



38.3999, 27.1218, 17.9630



29.3775, 27.1218, 7.3761



16.2787, 27.1218, 45.2310



22.4861, 27.1218, 75.9729

Sweetspot

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



38.4006, 27.1232, 17.9635



77.6793, 74.3913, 74.9549



47.1339, 30.4119, 73.1976



16.2086, 15.3074, 15.2242



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.



38.4006, 27.1232, 17.9635



47.5661, 30.2447, 15.3454



45.3718, 41.4060, 19.2384



13.7261, 13.7081, 14.3279



17.9261, 9.2374, 1.0107



1.2493, 0.6430, 0.1058

Inverse Universe

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



38.4006, 27.1232, 17.9635



47.5661, 30.2447, 15.3454



33.7049, 37.2743, 75.2300



13.7261, 13.7081, 14.3279



17.9261, 9.2374, 1.0107



1.2493, 0.6430, 0.1058

Previews

White Background



This preview shows how the XYZ color 38.3999, 27.1218, 17.9630 looks on a white background.

Color Contrast Check

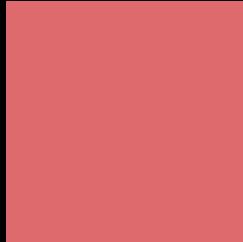
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3999, 27.1218, 17.9630 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 38.3999, 27.1218, 17.9630

Background



This preview shows how black text looks on a background with the XYZ color 38.3999, 27.1218, 17.9630.



This preview shows how white text looks on a background with the XYZ color 38.3999, 27.1218,

17.9630.

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

38.3999, 27.1218, 17.9630

Protanopia

25.8982, 27.2679, 23.9769

Deuteranopia

27.8576, 27.3463, 17.1747



Tritanopia

38.5661, 27.1883, 18.8380

Trichromacy



Original Color

38.3999, 27.1218, 17.9630

Protanomaly

29.2059, 26.3111, 21.6284

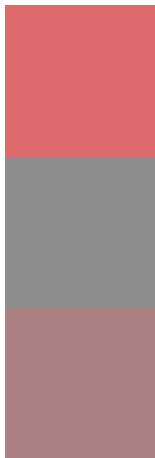
Deuteranomaly

31.1010, 26.8021, 17.4440

Tritanomaly

38.5101, 27.1659, 18.5431

Monochromacy



Original Color

38.3999, 27.1218, 17.9630

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.5430, 25.7080, 24.5768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3999, 27.1218, 17.9630 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(223, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 106, 110) }
```

Border

The CSS property to change the border of an element to XYZ 38.3999, 27.1218, 17.9630 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(223, 106, 110) }
```


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

```
.border{ border-color:rgb(223, 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(223, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(223, 106,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3999, 27.1218, 17.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 106, 110) }
```

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

```
.background{ background-color: rgb(223,  
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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