

Converting Colors

XYZ(38.1724, 27.7913, 19.9213)

Have a look what the booklet for
XYZ(38.1724, 27.7913, 19.9213)
contains.

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Color

**XYZ(38.0502, 27.6899,
19.8622)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6F74
RGB	219, 111, 116
RGB Percent	86%, 44%, 45%
CMY	0.1412, 0.5647, 0.5451
CMYK	0.00, 0.49, 0.47, 0.14
HSL	357°, 60%, 65%
HSV	357°, 49%, 86%
XYZ	38.0502, 27.6899, 19.8622
YIQ	143.8620, 62.7630, 24.4510

Conversions

Conversions Part 2

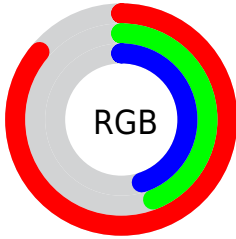
Format	Color
R_{YB}	219, 111, 116
Decimal	14380916
CIE _{Lab}	59.61, 42.61, 16.93
CIE _{LCh}	60, 45.850, 21.669
Yxy	27.6899, 0.4445, 0.3235
Android (android.graphics.Color)	4292570996 (0xFFDB6F74)
YUV	143.8620, -13.7360, 65.8960
Hunter-Lab	52.6212, 36.9856, 14.4555

Details

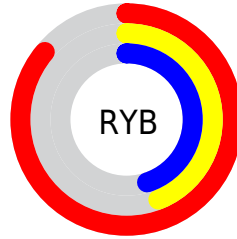
The XYZ color **38.0502, 27.6899, 19.8622** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.0261, 58.8981, 72.6701**, and the grayscale version is **26.4904, 27.8699, 30.3504**.

A 20% lighter version of the original color is **61.7630, 50.9974, 43.6340**, and **17.1046, 11.0189, 6.6942** is the 20% darker color. If you saturate the color by 10%, you get **34.8653, 23.0508, 13.4652**, and if you desaturate by 10%, it is **42.0954, 33.6125, 27.8940**.

Distribution



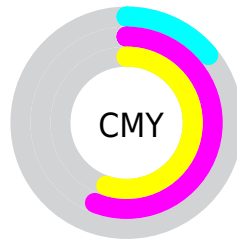
- Red (86%)
- Green (44%)
- Blue (45%)



- Red (86%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (47%)
- Black (14%)





- Cyan (14%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0502, 27.6899, 19.8622 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 38.0502, 27.6899, 19.8622 by changing the saturation by 10% instead.


 38.0502, 27.6899,
19.8622


 38.0502, 27.6899,
19.8622

329.1124,
290.9822, 263.7477

 26.1990, 18.0920,
12.1118


 71.4885, 55.9890,
44.0420


 17.1061, 11.0161,
6.6964


 93.8063, 75.4590,
61.3084

 10.4059, 6.0777,
3.1974


 120.3437, 98.9885,
82.5840

 5.7332, 2.8924,
1.1963

 151.4661,
126.9618, 108.2873

 2.7227, 1.0758,
0.0000

187.5388,
159.7635, 138.8367

 1.0089, 0.0000,
0.0000

228.9272,

 0.0000, 0.0000,

197.7778, 174.6509

0.0000

275.9966,
241.3893, 216.1484

■ 38.0502, 27.6899,
19.8622

■ 38.0502, 27.6899,
19.8622

■ 34.8653, 23.0508,
13.4652

■ 42.0954, 33.6125,
27.8940

■ 32.4764, 19.5964,
8.5894

■ 47.0547, 40.8993,
37.6607

■ 30.8139, 17.2205,
5.1090


■ 52.9801, 49.6296,
49.2562


■ 29.7947, 15.7958,
2.8775

■ 59.9191, 59.8752,
62.7670

■ 29.2934, 15.1182,
1.7082

■ 67.9159, 71.7032,
78.2745

 29.2688, 15.0822,
1.6593

 77.0122, 85.1768,
95.8549

 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



38.9105, 27.6899, 34.9978



38.0502, 27.6899, 19.8622



33.8264, 27.6899, 11.4462

Triad

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



38.0502, 27.6899, 19.8622



18.5309, 27.6899, 14.4102



24.7416, 27.6899, 73.8525

Complementary

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



38.0502, 27.6899, 19.8622



44.0261, 58.8981, 72.6701

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.



20.0128, 27.6899, 62.6240



38.0502, 27.6899, 19.8622



16.7864, 27.6899, 25.7712

Square

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



38.0502, 27.6899, 19.8622



22.4261, 27.6899, 9.1956



17.2861, 27.6899, 43.4883



30.6369, 27.6899, 70.4313

Rectangle

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



38.0502, 27.6899, 19.8622



29.9688, 27.6899, 8.9113



17.2861, 27.6899, 43.4883



22.9772, 27.6899, 71.5533

Sweetspot

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



38.0509, 27.6913, 19.8627



78.7114, 75.8461, 77.1774



46.0862, 30.7208, 70.5182



16.4143, 15.5948, 15.6749



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.



38.0509, 27.6913, 19.8627



49.1431, 32.4306, 18.8554



44.5851, 41.2122, 20.6458



13.0803, 13.0612, 13.6842



17.3661, 8.9475, 1.0420



1.1338, 0.5832, 0.1138

Inverse Universe

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



38.0509, 27.6913, 19.8627



49.1431, 32.4306, 18.8554



33.7929, 37.3951, 72.4544



13.0803, 13.0612, 13.6842



17.3661, 8.9475, 1.0420



1.1338, 0.5832, 0.1138

Previews

White Background



This preview shows how the XYZ color 38.0502, 27.6899, 19.8622 looks on a white background.

Color Contrast Check

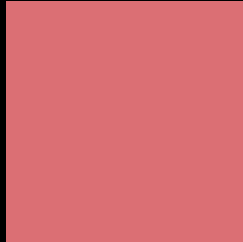
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0502, 27.6899, 19.8622 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 38.0502, 27.6899, 19.8622

Background



This preview shows how black text looks on a background with the XYZ color 38.0502, 27.6899, 19.8622.



This preview shows how white text looks on a background with the XYZ color 38.0502, 27.6899,

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

38.0502, 27.6899, 19.8622

Protanopia

26.5325, 28.0020, 25.8363

Deuteranopia

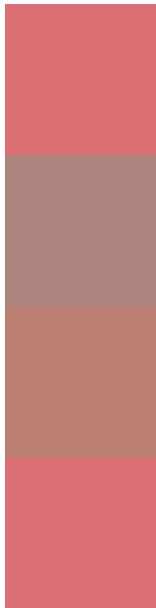
28.3199, 27.7597, 18.9045



Tritanopia

38.1679, 27.7370, 20.4816

Trichromacy



Original Color

38.0502, 27.6899, 19.8622

Protanomaly

29.4727, 27.0076, 23.3983

Deuteranomaly

31.1933, 27.1954, 19.2280

Tritanomaly

38.1087, 27.7133, 20.1703

Monochromacy



Original Color

38.0502, 27.6899, 19.8622

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.3489, 26.8817, 26.1961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0502, 27.6899, 19.8622 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(219, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(219, 111, 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(219, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 111, 116) }
```

Border

The CSS property to change the border of an element to XYZ 38.0502, 27.6899, 19.8622 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(219, 111, 116) }
```


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

```
.border{ border-color:rgb(219, 111, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(219, 111,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0502, 27.6899, 19.8622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 111, 116) }
```

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

```
.background{ background-color: rgb(219,  
111, 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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