

Converting Colors

XYZ(38.5101, 27.1659, 18.5431)

Have a look what the booklet for
XYZ(38.5101, 27.1659, 18.5431)
contains.

XYZ(38.5101, 27.1659, 18.5431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.5101, 27.1659,
18.5431)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6A70
RGB	223, 106, 112
RGB Percent	87%, 42%, 44%
CMY	0.1255, 0.5843, 0.5608
CMYK	0.00, 0.52, 0.50, 0.13
HSL	357°, 65%, 65%
HSV	357°, 52%, 87%
XYZ	38.5101, 27.1659, 18.5431
YIQ	141.6670, 67.8060, 26.6700

Conversions

Conversions Part 2

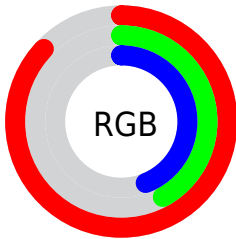
Format	Color
R_{YB}	223, 106, 112
Decimal	14641776
CIE _{Lab}	59.13, 46.16, 18.67
CIE _{LCh}	59, 49.791, 22.024
Yxy	27.1659, 0.4573, 0.3226
Android (android.graphics.Color)	4292831856 (0xFFDF6A70)
YUV	141.6670, -14.6258, 71.3290
Hunter-Lab	52.1209, 40.6750, 15.3910

Details

The XYZ color **38.5101, 27.1659, 18.5431** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.8575, 60.8499, 75.0306**, and the grayscale version is **25.6177, 26.9518, 29.3505**.

A 20% lighter version of the original color is **60.5116, 49.0819, 41.4064**, and **17.3028, 10.7029, 6.0044** is the 20% darker color. If you saturate the color by 10%, you get **35.4606, 22.7358, 12.3816**, and if you desaturate by 10%, it is **42.4352, 32.9043, 26.3623**.

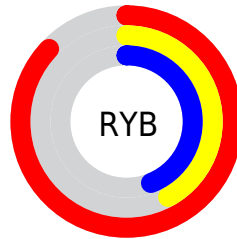
Distribution



Red (87%)

Green (42%)

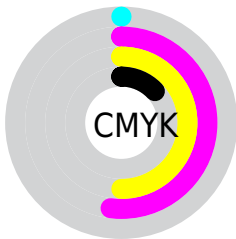
Blue (44%)



Red (87%)

Yellow (42%)

Blue (44%)

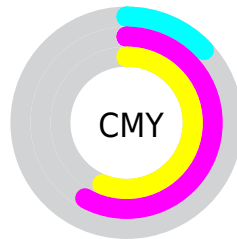


Cyan (0%)

Magenta (52%)

Yellow (50%)

Black (13%)



Cyan (13%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5101, 27.1659, 18.5431 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 38.5101, 27.1659, 18.5431 by changing the saturation by 10% instead.

38.5101, 27.1659,
18.5431

38.5101, 27.1659,
18.5431

331.0463,
288.4595, 256.2528

26.5578, 17.6979,
11.1671

72.1882, 55.1500,
41.7870

17.3763, 10.7333,
6.0638

94.6447, 74.4348,
58.4920

10.6001, 5.8878,
2.8145

121.3334, 97.7606,
79.1437

5.8639, 2.7770,
1.0007

152.6196,
125.5120, 104.1608

2.8024, 1.0164,
0.0000

188.8686,
158.0731, 133.9617

1.0501, 0.0000,
0.0000

230.4458,

0.0000, 0.0000,

195.8285, 168.9649

0.0000

277.7166,
239.1625, 209.5891

■ 38.5101, 27.1659,
18.5431

■ 38.5101, 27.1659,
18.5431

■ 35.4606, 22.7358,
12.3816

■ 42.4352, 32.9043,
26.3623

■ 33.2175, 19.5073,
7.7570

■ 47.2939, 40.0385,
35.9455

■ 31.7049, 17.3638,
4.5343


■ 53.1415, 48.6532,
47.3918


■ 30.8310, 16.1637,
2.5545

■ 60.0286, 58.8253,
60.7924

■ 30.4942, 15.7131,
1.7554

■ 68.0023, 70.6263,
76.2327

 77.1066, 84.1233,
93.7929

 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.



39.5027, 27.1659, 34.5691



38.5101, 27.1659, 18.5431



33.8644, 27.1659, 10.0154

Triad

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



38.5101, 27.1659, 18.5431



17.5238, 27.1659, 13.1631



24.2027, 27.1659, 77.8504

Complementary

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



38.5101, 27.1659, 18.5431



44.8575, 60.8499, 75.0306

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.



19.1631, 27.1659, 65.4372



38.5101, 27.1659, 18.5431



15.7302, 27.1659, 25.0939

Square

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



38.5101, 27.1659, 18.5431



21.6066, 27.1659, 7.8876



16.2782, 27.1659, 44.3026



30.5491, 27.1659, 73.8066

Rectangle

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



38.5101, 27.1659, 18.5431



29.6733, 27.1659, 7.5511



16.2782, 27.1659, 44.3026



22.3163, 27.1659, 75.3330

Sweetspot

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



38.5108, 27.1673, 18.5436



77.7695, 74.4273, 75.4297



46.5572, 30.1146, 73.1707



16.2297, 15.3158, 15.3354



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.



38.5108, 27.1673, 18.5436



47.7011, 30.2987, 16.0559



45.0402, 40.7426, 19.1278



13.7356, 13.7119, 14.3776



17.9426, 9.2440, 1.0975



1.2539, 0.6448, 0.1297

Inverse Universe

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



38.5108, 27.1673, 18.5436



47.7011, 30.2987, 16.0559



34.0742, 38.0128, 75.3531



13.7356, 13.7119, 14.3776



17.9426, 9.2440, 1.0975



1.2539, 0.6448, 0.1297

Previews

White Background



This preview shows how the XYZ color 38.5101, 27.1659, 18.5431 looks on a white background.

Color Contrast Check

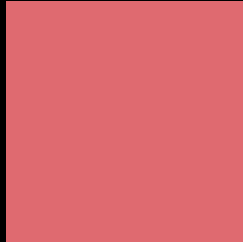
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5101, 27.1659, 18.5431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

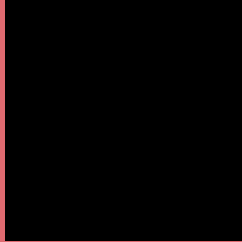
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5101, 27.1659, 18.5431

Background



This preview shows how black text looks on a background with the XYZ color 38.5101, 27.1659, 18.5431.

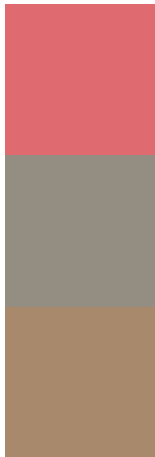


This preview shows how white text looks on a background with the XYZ color 38.5101, 27.1659,

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

38.5101, 27.1659, 18.5431

Protanopia

25.9150, 27.2536, 25.0137

Deuteranopia

27.7480, 27.2777, 17.7126



Tritanopia

38.5661, 27.1883, 18.8380

Trichromacy



Original Color

38.5101, 27.1659, 18.5431

Protanomaly

29.1046, 26.2445, 22.2706

Deuteranomaly

30.9602, 26.7172, 17.9932

Tritanomaly

38.5661, 27.1883, 18.8380

Monochromacy



Original Color

38.5101, 27.1659, 18.5431

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.7416, 25.9971, 24.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5101, 27.1659, 18.5431 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(223, 106, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 106, 112) }
```

Border

The CSS property to change the border of an element to XYZ 38.5101, 27.1659, 18.5431 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, 112) }
```


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

```
.border{ border-color:rgb(223, 106, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 106, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 106, 112); box-shadow:4px 4px 4px 4px rgb(223, 106, 112) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5101, 27.1659, 18.5431 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, 112) }
```

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

```
.background{ background-color: rgb(223,  
106, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor