

Converting Colors

XYZ(38.9939, 28.1588, 18.5062)

Have a look what the booklet for
XYZ(38.9939, 28.1588, 18.5062)
contains.

| | |
|--|----|
| XYZ(38.9851, 28.2046, 18.4282) | 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(38.9851, 28.2046,
18.4282)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DF6F6F |
| RGB | 223, 111, 111 |
| RGB Percent | 87%, 44%, 44% |
| CMY | 0.1255, 0.5647, 0.5647 |
| CMYK | 0.00, 0.50, 0.50, 0.13 |
| HSL | 0°, 64%, 65% |
| HSV | 0°, 50%, 87% |
| XYZ | 38.9851, 28.2046, 18.4282 |
| YIQ | 144.4880, 66.7520, 23.7440 |

Conversions

Conversions Part 2

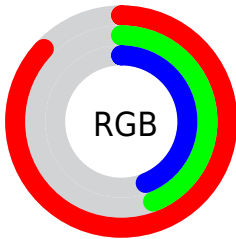
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 223, 111, 111 |
| Decimal | 14643055 |
| CIE Lab | 60.07, 43.60, 20.53 |
| CIE LCh | 60, 48.189, 25.217 |
| Yxy | 28.2046, 0.4553, 0.3294 |
| Android (android.graphics.Color) | 4292833135 (0xFFDF6F6F) |
| YUV | 144.4880, -16.5096, 68.8550 |
| Hunter-Lab | 53.1080, 38.0929, 16.6023 |

Details

The XYZ color **38.9851, 28.2046, 18.4282** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.2607, 61.4789, 79.2401**, and the grayscale version is **26.7528, 28.1460, 30.6510**.

A 20% lighter version of the original color is **61.3060, 50.8146, 41.2274**, and **17.5654, 11.2733, 5.9528** is the 20% darker color. If you saturate the color by 10%, you get **35.7701, 23.5005, 12.0362**, and if you desaturate by 10%, it is **43.1152, 34.2486, 26.6376**.

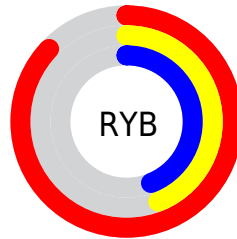
Distribution



Red (87%)

Green (44%)

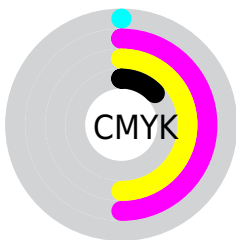
Blue (44%)



Red (87%)

Yellow (44%)

Blue (44%)

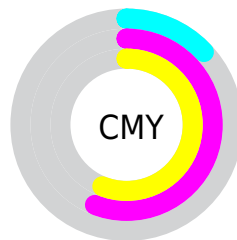


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (13%)



Cyan (13%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9851, 28.2046, 18.4282 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 38.9851, 28.2046, 18.4282 by changing the saturation by 10% instead.


 38.9851, 28.2046,
18.4282


 38.9851, 28.2046,
18.4282


333.0354,
293.4433, 255.5903


 26.9288, 18.4799,
11.0852

 72.9098, 56.8109,
41.5894


 17.6561, 11.2951,
6.0093


 95.5089, 76.4614,
58.2447

 10.8015, 6.2657,
2.7819


 122.3529,
100.1893, 78.8411

 5.9998, 3.0073,
0.9844

 153.8073,
128.3789, 103.7974

 2.8856, 1.1355,
0.0000

190.2374,
161.4147, 133.5318

 1.0936, 0.0081,
0.0000

232.0086,

 0.0197, 0.0000,

199.6811, 168.4631

0.0000

279.4861,
243.5625, 209.0098

■ 0.0000, 0.0000,
0.0000

■ 38.9851, 28.2046,
18.4282

■ 38.9851, 28.2046,
18.4282

■ 35.7701, 23.5005,
12.0362

■ 43.1152, 34.2486,
26.6376

■ 33.3988, 20.0305,
7.3224

■ 48.2205, 41.7191,
36.7866

■ 31.7926, 17.6802,
4.1298

■ 54.3584, 50.7006,
48.9884

■ 30.8575, 16.3117,
2.2711

■ 61.5812, 61.2696,
63.3472

■ 30.4314, 15.6882,
1.4242

■ 69.9378, 73.4976,
79.9599

■ 79.4740, 87.4518,
98.9178

■ 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.



40.3947, 28.2046, 33.6197



38.9851, 28.2046, 18.4282



34.1311, 28.2046, 10.4543

Triad

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



38.9851, 28.2046, 18.4282



18.2249, 28.2046, 15.1646



25.8342, 28.2046, 78.2985

Complementary

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



38.9851, 28.2046, 18.4282



46.2607, 61.4789, 79.2401

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.



20.6147, 28.2046, 67.7441



38.9851, 28.2046, 18.4282



16.6703, 28.2046, 27.9733

Square

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



38.9851, 28.2046, 18.4282



22.0808, 28.2046, 9.1378



17.4735, 28.2046, 47.5067



32.1651, 28.2046, 72.6401

Rectangle

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



38.9851, 28.2046, 18.4282



29.9378, 28.2046, 8.2312



17.4735, 28.2046, 47.5067



23.9036, 28.2046, 76.4423

Sweetspot

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



38.9858, 28.2061, 18.4287



78.4809, 75.7548, 75.9610



49.4350, 32.3847, 73.4571



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.



38.9858, 28.2061, 18.4287



48.3905, 31.7238, 16.1432



47.1193, 44.4731, 21.1399



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



46.2607, 61.4789, 79.2401



59.2867, 81.5592, 107.2255



33.6936, 36.3448, 75.0511



14.1166, 15.5722, 17.6494



23.3451, 34.1597, 46.4114



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 38.9851, 28.2046, 18.4282 looks on a white background.

Color Contrast Check

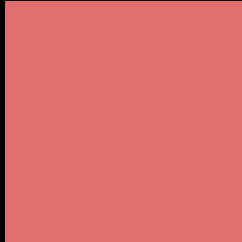
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9851, 28.2046, 18.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

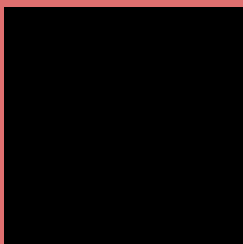
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.9851, 28.2046, 18.4282

Background



This preview shows how black text looks on a background with the XYZ color 38.9851, 28.2046, 18.4282.



This preview shows how white text looks on a background with the XYZ color 38.9851, 28.2046,

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

38.9851, 28.2046, 18.4282

Protanopia

26.9051, 28.4585, 24.1537

Deuteranopia

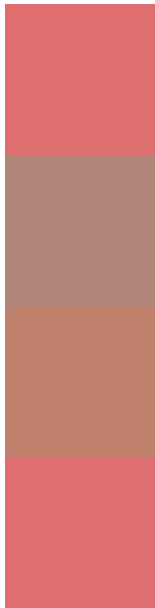
28.8474, 28.2765, 17.5732



Tritanopia

39.2774, 28.1478, 20.5025

Trichromacy



Original Color

38.9851, 28.2046, 18.4282

Protanomaly

30.1988, 27.6205, 21.8288

Deuteranomaly

32.0429, 27.8596, 17.8760

Tritanomaly

39.1019, 28.0776, 19.5783

Monochromacy



Original Color

38.9851, 28.2046, 18.4282

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.6497, 27.0527, 25.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9851, 28.2046, 18.4282 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, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(223, 111, 111)  
}
```

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, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 111, 111) }
```

Border

The CSS property to change the border of an element to XYZ 38.9851, 28.2046, 18.4282 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, 111, 111) }
```


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

```
.border{ border-color:rgb(223, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(223, 111,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9851, 28.2046, 18.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 111, 111) }
```

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

```
.background{ background-color: rgb(223,  
111, 111) }
```

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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