

Converting Colors

XYZ(39.9259, 28.8654, 22.2931)

Have a look what the booklet for
XYZ(39.9259, 28.8654, 22.2931)
contains.

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Color

**XYZ(39.9117, 28.9283,
22.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	DF717B
RGB	223, 113, 123
RGB Percent	87%, 44%, 48%
CMY	0.1255, 0.5568, 0.5176
CMYK	0.00, 0.49, 0.45, 0.13
HSL	355°, 63%, 66%
HSV	355°, 49%, 87%
XYZ	39.9117, 28.9283, 22.2190
YIQ	147.0300, 62.3500, 26.4300

Conversions

Conversions Part 2

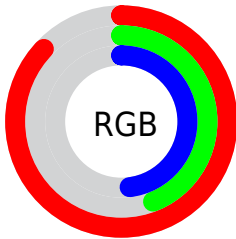
Format	Color
R _Y B	223, 113, 123
Decimal	14643579
CIE Lab	60.72, 43.74, 14.53
CIE LCh	61, 46.085, 18.372
Yxy	28.9283, 0.4383, 0.3177
Android (android.graphics.Color)	4292833659 (0xFFDF717B)
YUV	147.0300, -11.8468, 66.6257
Hunter-Lab	53.7850, 38.3338, 13.1564

Details

The XYZ color **39.9117, 28.9283, 22.2190** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.2095, 61.0908, 72.3636**, and the grayscale version is **27.7758, 29.2223, 31.8231**.

A 20% lighter version of the original color is **62.7966, 51.9926, 47.2833**, and **18.2146, 11.7244, 7.7816** is the 20% darker color. If you saturate the color by 10%, you get **36.5819, 24.0939, 15.4827**, and if you desaturate by 10%, it is **44.1170, 35.0931, 30.5442**.

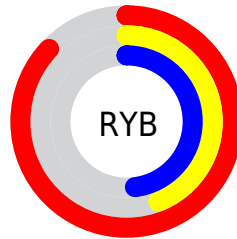
Distribution



Red (87%)

Green (44%)

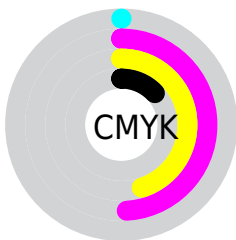
Blue (48%)



Red (87%)

Yellow (44%)

Blue (48%)

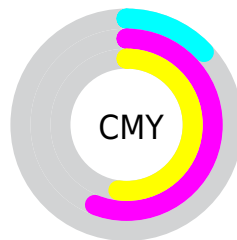


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (13%)



Cyan (13%)


Magenta (56%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9117, 28.9283, 22.2190 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 39.9117, 28.9283, 22.2190 by changing the saturation by 10% instead.


 39.9117, 28.9283,
22.2190


 39.9117, 28.9283,
22.2190


336.8921,
296.8765, 276.6785

 27.6536, 19.0266,
13.8181


 74.3142, 57.9631,
48.0145

 18.2038, 11.6895,
7.8569

 97.1894, 77.8651,
66.2462

 11.1970, 6.5326,
3.9171


 124.3343,
101.8692, 88.5918

 6.2678, 3.1716,
1.5800

156.1142,
130.3599, 115.4699

 3.0508, 1.2219,
0.2765

192.8946,
163.7216, 147.2991

 1.1807, 0.0795,
0.0000

235.0408,

 0.0910, 0.0000,

202.3387, 184.4980

0.0000

282.9182,
246.5955, 227.4849

■ 0.0000, 0.0000,
0.0000

■ 39.9117, 28.9283,
22.2190

■ 39.9117, 28.9283,
22.2190

■ 36.5819, 24.0939,
15.4827

■ 44.1170, 35.0931,
30.5442

■ 34.0635, 20.4877,
10.2325

■ 49.2514, 42.6718,
40.5491

■ 32.2870, 18.0001,
6.3559


■ 55.3669, 51.7461,
52.3196


■ 31.1703, 16.4998,
3.7235

■ 62.5110, 62.3903,
65.9350

■ 30.5890, 15.7772,
2.1736

■ 70.7282, 74.6739,
81.4700

 30.5600, 15.7394,
2.1014

 80.0601, 88.6621,
98.9951

 84.2414, 94.4279,
108.3942

Harmonies

Analogous

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



40.3621, 28.9283, 38.6106



39.9117, 28.9283, 22.2190



35.8607, 28.9283, 12.7416

Triad

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



39.9117, 28.9283, 22.2190



19.7668, 28.9283, 14.2991



25.2430, 28.9283, 76.0013

Complementary

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



39.9117, 28.9283, 22.2190



45.2095, 61.0908, 72.3636

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.



20.5442, 28.9283, 63.0720



39.9117, 28.9283, 22.2190



17.7028, 28.9283, 25.3174

Square

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



39.9117, 28.9283, 22.2190



24.0290, 28.9283, 9.4459



17.9651, 28.9283, 43.0561



31.2803, 28.9283, 74.2122

Rectangle

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



39.9117, 28.9283, 22.2190



31.9539, 28.9283, 9.7354



17.9651, 28.9283, 43.0561



23.4724, 28.9283, 73.0852

Sweetspot

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



39.9124, 28.9298, 22.2195



78.9366, 75.9362, 78.3635



46.3767, 31.1366, 73.3775



16.4676, 15.6161, 15.9558



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.



39.9124, 28.9298, 22.2195



49.5290, 32.5850, 20.8872



45.4700, 40.9956, 21.1412



13.7576, 13.7207, 14.4935



17.9866, 9.2616, 1.3294



1.2644, 0.6490, 0.1850

Inverse Universe

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



39.9124, 28.9298, 22.2195



49.5290, 32.5850, 20.8872



36.2508, 41.0801, 75.8305



13.7576, 13.7207, 14.4935



17.9866, 9.2616, 1.3294



1.2644, 0.6490, 0.1850

Previews

White Background



This preview shows how the XYZ color 39.9117, 28.9283, 22.2190 looks on a white background.

Color Contrast Check

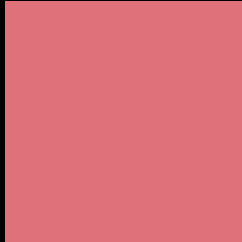
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9117, 28.9283, 22.2190 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 39.9117, 28.9283, 22.2190

Background



This preview shows how black text looks on a background with the XYZ color 39.9117, 28.9283, 22.2190.



This preview shows how white text looks on a background with the XYZ color 39.9117, 28.9283,

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

39.9117, 28.9283, 22.2190

Protanopia

27.7750, 29.0305, 28.9505

Deuteranopia

29.5895, 29.0157, 21.1806



Tritanopia

39.7877, 28.8787, 21.5663

Trichromacy



Original Color

39.9117, 28.9283, 22.2190

Protanomaly

30.9596, 28.1185, 26.3499

Deuteranomaly

32.7417, 28.5358, 21.5516

Tritanomaly

39.8494, 28.9034, 21.8910

Monochromacy



Original Color

39.9117, 28.9283, 22.2190

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.9306, 28.2769, 27.8725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9117, 28.9283, 22.2190 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, 113, 123)` looks like.

```
.text, #text, p{  
    color:rgb(223, 113, 123)  
}
```

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, 113, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 113, 123) }
```

Border

The CSS property to change the border of an element to XYZ 39.9117, 28.9283, 22.2190 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, 113, 123) }
```


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

```
.border{ border-color:rgb(223, 113, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 113, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 113, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 113, 123);  
box-shadow:4px 4px 4px 4px rgb(223, 113,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9117, 28.9283, 22.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 113, 123) }
```

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

```
.background{ background-color: rgb(223,  
113, 123) }
```

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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