

Converting Colors

XYZ(38.7280, 26.9628, 19.0827)

Have a look what the booklet for
XYZ(38.7280, 26.9628, 19.0827)
contains.

XYZ(38.7280, 26.9628, 19.0827)	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(38.7280, 26.9628,
19.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	E06872
RGB	224, 104, 114
RGB Percent	88%, 41%, 45%
CMY	0.1216, 0.5921, 0.5529
CMYK	0.00, 0.54, 0.49, 0.12
HSL	355°, 66%, 64%
HSV	355°, 54%, 88%
XYZ	38.7280, 26.9628, 19.0827
YIQ	141.0200, 68.3100, 28.5500

Conversions

Conversions Part 2

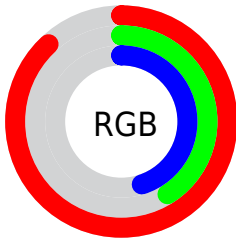
Format	Color
R_{YB}	224, 104, 114
Decimal	14706802
CIE Lab	58.94, 47.66, 17.28
CIE LCh	59, 50.700, 19.931
Yxy	26.9628, 0.4568, 0.3181
Android (android.graphics.Color)	4292896882 (0xFFE06872)
YUV	141.0200, -13.3209, 72.7735
Hunter-Lab	51.9257, 42.2615, 14.5589

Details

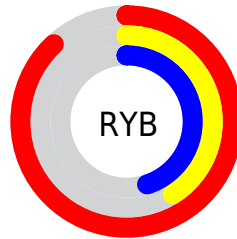
The XYZ color **38.7280, 26.9628, 19.0827** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.5037, 61.1099, 73.0722**, and the grayscale version is **25.3580, 26.6786, 29.0529**.

A 20% lighter version of the original color is **60.3498, 48.4669, 42.2507**, and **17.4338, 10.5671, 6.2750** is the 20% darker color. If you saturate the color by 10%, you get **35.7246, 22.6213, 12.9480**, and if you desaturate by 10%, it is **42.5939, 32.6095, 26.7997**.

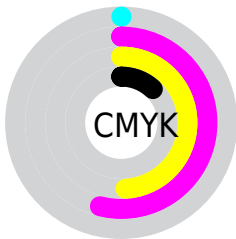
Distribution



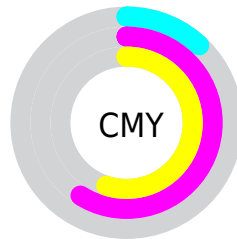
- Red (88%)
- Green (41%)
- Blue (45%)



- Red (88%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (54%)
- Yellow (49%)
- Black (12%)





- Cyan (12%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7280, 26.9628, 19.0827 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 38.7280, 26.9628, 19.0827 by changing the saturation by 10% instead.


 38.7280, 26.9628,
19.0827


 38.7280, 26.9628,
19.0827


331.9598,
287.4770, 259.3429


 26.7280, 17.5453,
11.5526


 72.5193, 54.8242,
42.7124


 17.5046, 10.6240,
6.3210


 95.0414, 74.0368,
59.6490

 10.6924, 5.8146,
2.9693


 121.8014, 97.2833,
80.5583

 5.9262, 2.7327,
1.0790

 153.1649,
124.9480, 105.8587

 2.8405, 0.9938,
0.0000

189.4971,
157.4153, 135.9689

 1.0700, 0.0000,
0.0000

231.1634,

 0.0000, 0.0000,

195.0697, 171.3072

0.0000

278.5292,
238.2954, 212.2924

■ 38.7280, 26.9628,
19.0827

■ 38.7280, 26.9628,
19.0827

■ 35.7246, 22.6213,
12.9480

■ 42.5939, 32.6095,
26.7997

■ 33.5153, 19.4766,
8.2844

■ 47.3795, 39.6500,
36.1970

■ 32.0248, 17.4099,
4.9685

■ 53.1397, 48.1703,
47.3661

■ 31.1618, 16.2759,
2.8559

■ 59.9243, 58.2479,
60.3917

■ 30.8550, 15.8931,
2.0422

■ 67.7798, 69.9553,
75.3530

■ 76.7498, 83.3601,
92.3244

■ 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



39.4393, 26.9628, 35.8243



38.7280, 26.9628, 19.0827



34.2064, 26.9628, 10.0575

Triad

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



38.7280, 26.9628, 19.0827



17.4575, 26.9628, 12.2576



23.5749, 26.9628, 78.2243

Complementary

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



38.7280, 26.9628, 19.0827



44.5037, 61.1099, 73.0722

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.



18.6179, 26.9628, 64.5417



38.7280, 26.9628, 19.0827



15.4876, 26.9628, 23.7206

Square

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



38.7280, 26.9628, 19.0827



21.7300, 26.9628, 7.3797



15.8745, 26.9628, 42.7847



29.9648, 26.9628, 75.3062

Rectangle

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



38.7280, 26.9628, 19.0827



29.9953, 26.9628, 7.3911



15.8745, 26.9628, 42.7847



21.7054, 26.9628, 75.2526

Sweetspot

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



38.7287, 26.9642, 19.0832



77.9395, 74.4954, 76.3254



46.1371, 29.5801, 73.7985



16.2696, 15.3318, 15.5454



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.



38.7287, 26.9642, 19.0832



47.6198, 29.9077, 16.7334



44.7957, 39.9594, 18.4506



13.7533, 13.7190, 14.4713



17.9770, 9.2578, 1.2785



1.2624, 0.6482, 0.1745

Inverse Universe

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



38.7287, 26.9642, 19.0832



47.6198, 29.9077, 16.7334



34.3008, 38.5985, 76.1631



13.7533, 13.7190, 14.4713



17.9770, 9.2578, 1.2785



1.2624, 0.6482, 0.1745

Previews

White Background



This preview shows how the XYZ color 38.7280, 26.9628, 19.0827 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 38.7280, 26.9628, 19.0827 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 38.7280, 26.9628, 19.0827

Background



This preview shows how black text looks on a background with the XYZ color 38.7280, 26.9628, 19.0827.



This preview shows how white text looks on a background with the XYZ color 38.7280, 26.9628,

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

38.7280, 26.9628, 19.0827

Protanopia

25.9393, 27.2425, 26.0815

Deuteranopia

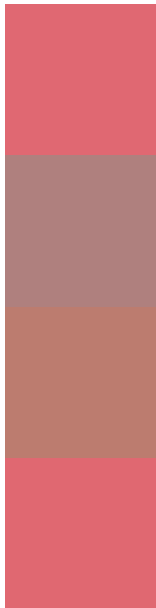
27.5008, 26.9279, 18.2162



Tritanopia

38.6154, 26.9178, 18.4896

Trichromacy



Original Color

38.7280, 26.9628, 19.0827

Protanomaly

29.1643, 26.0587, 23.2314

Deuteranomaly

30.8159, 26.2544, 18.4823

Tritanomaly

38.6714, 26.9402, 18.7846

Monochromacy



Original Color

38.7280, 26.9628, 19.0827

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.6105, 25.7350, 24.9321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7280, 26.9628, 19.0827 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(224, 104, 114)` looks like.

```
.text, #text, p{  
    color:rgb(224, 104, 114)  
}
```

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(224, 104, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 104, 114) }
```

Border

The CSS property to change the border of an element to XYZ 38.7280, 26.9628, 19.0827 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(224, 104, 114) }
```


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

```
.border{ border-color:rgb(224, 104, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 104, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 104, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 104, 114);  
box-shadow:4px 4px 4px 4px rgb(224, 104,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7280, 26.9628, 19.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 104, 114) }
```

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

```
.background{ background-color: rgb(224,  
104, 114) }
```

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