

Converting Colors

XYZ(38.4286, 26.7330, 17.2417)

Have a look what the booklet for
XYZ(38.4286, 26.7330, 17.2417)
contains.

XYZ(38.2975, 26.6305, 17.3091)	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(38.2975, 26.6305,
17.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	E0676C
RGB	224, 103, 108
RGB Percent	88%, 40%, 42%
CMY	0.1216, 0.5960, 0.5765
CMYK	0.00, 0.54, 0.52, 0.12
HSL	358°, 66%, 64%
HSV	358°, 54%, 88%
XYZ	38.2975, 26.6305, 17.3091
YIQ	139.7490, 70.5110, 27.2070

Conversions

Conversions Part 2

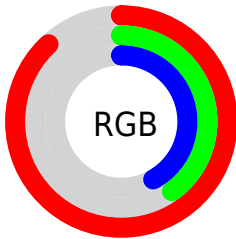
Format	Color
R_{YB}	224, 103, 108
Decimal	14706540
CIE _{Lab}	58.63, 47.62, 20.33
CIE _{LCh}	59, 51.776, 23.121
Yxy	26.6305, 0.4657, 0.3238
Android (android.graphics.Color)	4292896620 (0xFFE0676C)
YUV	139.7490, -15.6523, 73.8881
Hunter-Lab	51.6047, 42.1621, 16.2365

Details

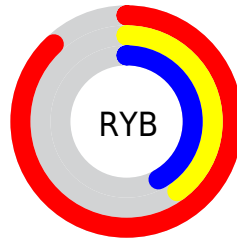
The XYZ color **38.2975, 26.6305, 17.3091** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.0369, 61.3099, 76.4823**, and the grayscale version is **24.8704, 26.1656, 28.4943**.

A 20% lighter version of the original color is **59.5550, 47.8771, 38.9032**, and **17.2505, 10.4261, 5.5181** is the 20% darker color. If you saturate the color by 10%, you get **35.3547, 22.3543, 11.3669**, and if you desaturate by 10%, it is **42.1198, 32.2155, 24.9336**.

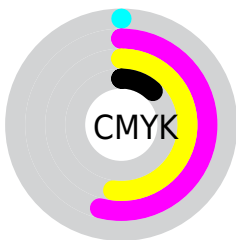
Distribution



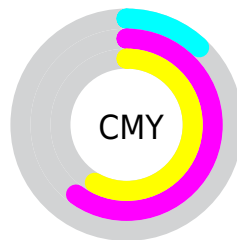
- Red (88%)
- Green (40%)
- Blue (42%)



- Red (88%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (54%)
- Yellow (52%)
- Black (12%)





- Cyan (12%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2975, 26.6305, 17.3091 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 38.2975, 26.6305, 17.3091 by changing the saturation by 10% instead.


 38.2975, 26.6305,
17.3091


 38.2975, 26.6305,
17.3091


330.1533,
285.8636, 249.0514


 26.3919, 17.2959,
10.2908


 71.8649, 54.2904,
39.6544


 17.2513, 10.4457,
5.4841


 94.2574, 73.3844,
55.8185

 10.5102, 5.6955,
2.4703


 120.8762, 96.5005,
75.8682

 5.8034, 2.6608,
0.8244

 152.0868,
124.0228, 100.2222

 2.7654, 0.9573,
0.0000

188.2544,
156.3359, 129.2990

 1.0310, 0.0000,
0.0000

229.7445,

 0.0000, 0.0000,

193.8241, 163.5171

0.0000

276.9223,
236.8719, 203.2950

■ 38.2975, 26.6305,
17.3091

■ 38.2975, 26.6305,
17.3091

■ 35.3547, 22.3543,
11.3669

■ 42.1198, 32.2155,
24.9336

■ 33.2195, 19.2765,
6.9785

■ 46.8821, 39.1994,
34.3530

■ 31.8121, 17.2760,
3.9991

■ 52.6415, 47.6695,
45.6719

■ 31.0353, 16.2039,
2.2560

■ 59.4503, 57.7044,
58.9864

■ 30.7910, 15.8675,
1.7053

■ 67.3570, 69.3775,
74.3862

■ 76.4073, 82.7575,
91.9555

■ 84.5504, 94.5872,
108.4086

Harmonies

Analogous

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



39.4874, 26.6305, 33.3940



38.2975, 26.6305, 17.3091



33.3775, 26.6305, 9.0426

Triad

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



38.2975, 26.6305, 17.3091



16.7399, 26.6305, 12.6543



23.8756, 26.6305, 79.4769

Complementary

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



38.2975, 26.6305, 17.3091



45.0369, 61.3099, 76.4823

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.



18.6625, 26.6305, 66.9728



38.2975, 26.6305, 17.3091



15.0133, 26.6305, 25.0023

Square

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



38.2975, 26.6305, 17.3091



20.8093, 26.6305, 7.2483



15.6531, 26.6305, 45.0263



30.4203, 26.6305, 74.5689

Rectangle

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



38.2975, 26.6305, 17.3091



29.0286, 26.6305, 6.7433



15.6531, 26.6305, 45.0263



21.9261, 26.6305, 77.0423

Sweetspot

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



38.2982, 26.6319, 17.3096



77.7169, 74.4063, 75.1528



47.2040, 29.9815, 73.8198



16.2174, 15.3109, 15.2706



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.



38.2982, 26.6319, 17.3096



46.9487, 29.2926, 14.2679



45.3228, 41.0945, 18.3771



13.7300, 13.7097, 14.3486



17.9330, 9.2402, 1.0469



1.2512, 0.6438, 0.1157

Inverse Universe

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



38.2982, 26.6319, 17.3096



46.9487, 29.2926, 14.2679



33.3399, 36.8480, 75.8759



13.7300, 13.7097, 14.3486



17.9330, 9.2402, 1.0469



1.2512, 0.6438, 0.1157

Previews

White Background



This preview shows how the XYZ color 38.2975, 26.6305, 17.3091 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 38.2975, 26.6305, 17.3091 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 38.2975, 26.6305, 17.3091

Background



This preview shows how black text looks on a background with the XYZ color 38.2975, 26.6305, 17.3091.



This preview shows how white text looks on a background with the XYZ color 38.2975, 26.6305,

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

38.2975, 26.6305, 17.3091

Protanopia

25.5035, 26.8520, 23.5774

Deuteranopia

27.4008, 26.9124, 16.5824



Tritanopia

38.4052, 26.6736, 17.8762

Trichromacy



Original Color

38.2975, 26.6305, 17.3091

Protanomaly

28.8236, 25.7408, 20.9021

Deuteranomaly

30.4965, 26.1266, 16.8002

Tritanomaly

38.3510, 26.6519, 17.5910

Monochromacy



Original Color

38.2975, 26.6305, 17.3091

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.2802, 25.3952, 23.8333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2975, 26.6305, 17.3091 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, 103, 108)` looks like.

```
.text, #text, p{  
    color:rgb(224, 103, 108)  
}
```

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, 103, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 103, 108) }
```

Border

The CSS property to change the border of an element to XYZ 38.2975, 26.6305, 17.3091 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, 103, 108) }
```


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

```
.border{ border-color:rgb(224, 103, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 103, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 103, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 103, 108);  
box-shadow:4px 4px 4px 4px rgb(224, 103,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2975, 26.6305, 17.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 103, 108) }
```

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

```
.background{ background-color: rgb(224,  
103, 108) }
```

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