

Converting Colors

XYZ(38.5600, 26.8956, 18.1980)

Have a look what the booklet for
XYZ(38.5600, 26.8956, 18.1980)
contains.

XYZ(38.5600, 26.8956, 18.1980)	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(38.5600, 26.8956,
18.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	E0686F
RGB	224, 104, 111
RGB Percent	88%, 41%, 44%
CMY	0.1216, 0.5921, 0.5647
CMYK	0.00, 0.54, 0.50, 0.12
HSL	357°, 66%, 64%
HSV	357°, 54%, 88%
XYZ	38.5600, 26.8956, 18.1980
YIQ	140.6780, 69.2730, 27.6170

Conversions

Conversions Part 2

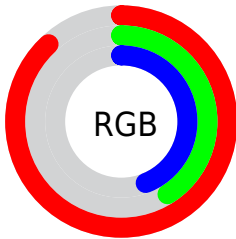
Format	Color
R_{YB}	224, 104, 111
Decimal	14706799
CIE _{Lab}	58.88, 47.39, 18.93
CIE _{LCh}	59, 51.036, 21.775
Yxy	26.8956, 0.4609, 0.3215
Android (android.graphics.Color)	4292896879 (0xFFE0686F)
YUV	140.6780, -14.6313, 73.0734
Hunter-Lab	51.8610, 41.9628, 15.4978

Details

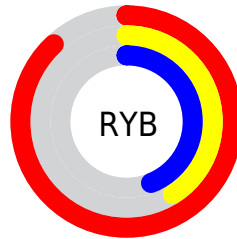
The XYZ color **38.5600, 26.8956, 18.1980** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.8904, 61.2646, 75.1089**, and the grayscale version is **25.2287, 26.5426, 28.9049**.

A 20% lighter version of the original color is **60.0777, 48.3581, 40.8179**, and **17.3476, 10.5326, 5.8213** is the 20% darker color. If you saturate the color by 10%, you get **35.5696, 22.5593, 12.1317**, and if you desaturate by 10%, it is **42.4248, 32.5418, 25.9092**.

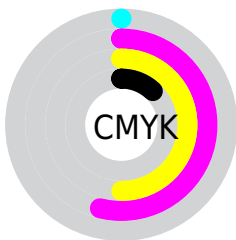
Distribution



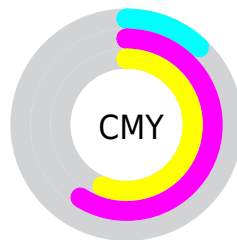
- Red (88%)
- Green (41%)
- Blue (44%)



- Red (88%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (50%)
- Black (12%)





- Cyan (12%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5600, 26.8956, 18.1980 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 38.5600, 26.8956, 18.1980 by changing the saturation by 10% instead.


 38.5600, 26.8956,
18.1980


 38.5600, 26.8956,
18.1980


331.2556,
287.1513, 254.2582


 26.5968, 17.4948,
10.9213


 72.2640, 54.7163,
41.1929


 17.4057, 10.5879,
5.9004


 94.7356, 73.9050,
57.7482

 10.6212, 5.7905,
2.7168


 121.4406, 97.1252,
78.2335

 5.8782, 2.7181,
0.9519

 152.7445,
124.7611, 103.0673

 2.8111, 0.9864,
0.0000

189.0126,
157.1973, 132.6681

 1.0547, 0.0000,
0.0000

230.6102,

 0.0000, 0.0000,

194.8182, 167.4545

0.0000

277.9028,
238.0080, 207.8450

■ 38.5600, 26.8956,
18.1980

■ 38.5600, 26.8956,
18.1980

■ 35.5696, 22.5593,
12.1317

■ 42.4248, 32.5418,
25.9092

■ 33.3833, 19.4239,
7.5894

■ 47.2228, 39.5873,
35.3714

■ 31.9236, 17.3695,
4.4360

■ 53.0101, 48.1184,
46.6836

■ 31.0964, 16.2498,
2.5118

■ 59.8380, 58.2134,
59.9369

■ 30.8133, 15.8764,
1.8231

■ 67.7539, 69.9449,
75.2164

■ 76.8026, 83.3812,
92.6022

■ 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.



39.5422, 26.8956, 34.5399



38.5600, 26.8956, 18.1980



33.8253, 26.8956, 9.5968

Triad

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



38.5600, 26.8956, 18.1980



17.1711, 26.8956, 12.6228



23.8674, 26.8956, 78.8616

Complementary

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



38.5600, 26.8956, 18.1980



44.8904, 61.2646, 75.1089

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.



18.7700, 26.8956, 65.9195



38.5600, 26.8956, 18.1980



15.3415, 26.8956, 24.5916

Square

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



38.5600, 26.8956, 18.1980



21.3235, 26.8956, 7.4235



15.8745, 26.8956, 44.1503



30.3312, 26.8956, 74.8274

Rectangle

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



38.5600, 26.8956, 18.1980



29.5469, 26.8956, 7.1326



15.8745, 26.8956, 44.1503



21.9551, 26.8956, 76.2110

Sweetspot

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



38.5607, 26.8970, 18.1985



77.8068, 74.4423, 75.6262



46.7245, 29.8828, 73.8260



16.2384, 15.3193, 15.3815



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.



38.5607, 26.8970, 18.1985



47.4141, 29.8254, 15.6501



45.1285, 40.6251, 18.5615



13.7395, 13.7134, 14.3982



17.9494, 9.2468, 1.1333



1.2557, 0.6456, 0.1395

Inverse Universe

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



38.5607, 26.8970, 18.1985



47.4141, 29.8254, 15.6501



33.9173, 37.8314, 76.0353



13.7395, 13.7134, 14.3982



17.9494, 9.2468, 1.1333



1.2557, 0.6456, 0.1395

Previews

White Background



This preview shows how the XYZ color 38.5600, 26.8956, 18.1980 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 38.5600, 26.8956, 18.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

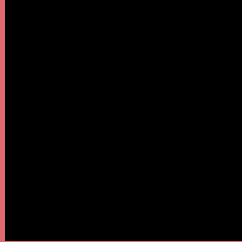
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.5600, 26.8956, 18.1980

Background



This preview shows how black text looks on a background with the XYZ color 38.5600, 26.8956, 18.1980.



This preview shows how white text looks on a background with the XYZ color 38.5600, 26.8956,

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

38.5600, 26.8956, 18.1980

Protanopia

25.8482, 27.2269, 24.6618

Deuteranopia

27.5541, 26.9738, 17.3899



Tritanopia

38.5600, 26.8956, 18.1980

Trichromacy



Original Color

38.5600, 26.8956, 18.1980

Protanomaly

29.1365, 26.0736, 21.9094

Deuteranomaly

30.6535, 26.1894, 17.6268

Tritanomaly

38.5600, 26.8956, 18.1980

Monochromacy



Original Color

38.5600, 26.8956, 18.1980

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.5430, 25.7080, 24.5768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5600, 26.8956, 18.1980 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(224, 104, 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(224, 104, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 104, 111) }
```

Border

The CSS property to change the border of an element to XYZ 38.5600, 26.8956, 18.1980 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, 111) }
```


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

```
.border{ border-color:rgb(224, 104, 111) }
```

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, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 104, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 104, 111);  
box-shadow:4px 4px 4px 4px rgb(224, 104,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5600, 26.8956, 18.1980 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, 111) }
```

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

```
.background{ background-color: rgb(224,  
104, 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](#).

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