

Converting Colors

XYZ(39.8360, 27.1131, 18.1727)

Have a look what the booklet for
XYZ(39.8360, 27.1131, 18.1727)
contains.

XYZ(39.8360, 27.1131, 18.1727)	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(39.8360, 27.1131,
18.1727)**

Conversions

Conversions Part 1

Format	Color
Hex	E5656F
RGB	229, 101, 111
RGB Percent	90%, 40%, 44%
CMY	0.1020, 0.6039, 0.5647
CMYK	0.00, 0.56, 0.52, 0.10
HSL	355°, 71%, 65%
HSV	355°, 56%, 90%
XYZ	39.8360, 27.1131, 18.1727
YIQ	140.4120, 73.0780, 30.2460

Conversions

Conversions Part 2

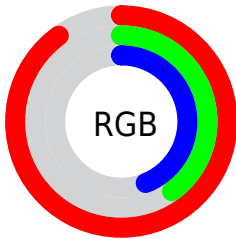
Format	Color
R_{YB}	229, 101, 111
Decimal	15033711
CIE Lab	59.08, 50.57, 19.33
CIE LCh	59, 54.135, 20.921
Yxy	27.1131, 0.4680, 0.3185
Android (android.graphics.Color)	4293223791 (0xFFE5656F)
YUV	140.4120, -14.5001, 77.6917
Hunter-Lab	52.0702, 45.4373, 15.7567

Details

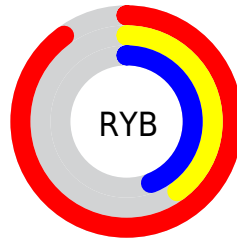
The XYZ color **39.8360, 27.1131, 18.1727** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.1739, 63.9203, 76.9267**, and the grayscale version is **25.1234, 26.4318, 28.7842**.

A 20% lighter version of the original color is **59.7393, 47.6813, 40.7051**, and **18.2646, 10.7592, 5.9646** is the 20% darker color. If you saturate the color by 10%, you get **36.8857, 22.8584, 12.1161**, and if you desaturate by 10%, it is **43.6816, 32.7192, 25.8835**.

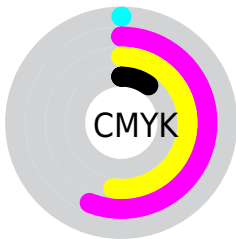
Distribution



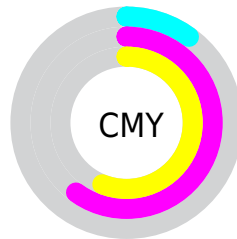
- Red (90%)
- Green (40%)
- Blue (44%)



- Red (90%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (56%)
- Yellow (52%)
- Black (10%)



- Cyan (10%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8360, 27.1131, 18.1727 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 39.8360, 27.1131, 18.1727 by changing the saturation by 10% instead.

39.8360, 27.1131,
18.1727

39.8360, 27.1131,
18.1727

336.5781,
288.2043, 254.1114

27.5943, 17.6582,
10.9033

74.1996, 55.0653,
41.1493

18.1590, 10.7049,
5.8885

97.0523, 74.3314,
57.6936

11.1646, 5.8687,
2.7097

124.1728, 97.6366,
78.1666

6.2457, 2.7654,
0.9483

155.9263,
125.3654, 102.9869

3.0372, 1.0105,
0.0000

192.6782,
157.9022, 132.5730

1.1734, 0.0000,
0.0000

234.7939,

0.0852, 0.0000,

195.6314, 167.3434

0.0000

282.6388,
238.9373, 207.7167

■ 0.0000, 0.0000,
0.0000

■ 39.8360, 27.1131,
18.1727

■ 39.8360, 27.1131,
18.1727

■ 36.8857, 22.8584,
12.1161

■ 43.6816, 32.7192,
25.8835

■ 34.7563, 19.8370,
7.5910

■ 48.4852, 39.7730,
35.3560

■ 33.3644, 17.9183,
4.4602


■ 54.3058, 48.3671,
46.6904


■ 32.6077, 16.9392,
2.5610

■ 61.1975, 58.5851,
59.9790

■ 32.4211, 16.7012,
2.0820

■ 69.2102, 70.5047,
75.3077

 78.3909, 84.1985,
92.7577

 86.1229, 95.3979,
108.4822

Harmonies

Analogous

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



40.7664, 27.1131, 35.7601



39.8360, 27.1131, 18.1727



34.8127, 27.1131, 9.0938

Triad

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



39.8360, 27.1131, 18.1727



16.9781, 27.1131, 11.7876



23.7829, 27.1131, 83.2782

Complementary

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



39.8360, 27.1131, 18.1727



46.1739, 63.9203, 76.9267

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.



18.4471, 27.1131, 68.6173



39.8360, 27.1131, 18.1727



14.9930, 27.1131, 24.0543

Square

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



39.8360, 27.1131, 18.1727



21.4226, 27.1131, 6.6800



15.4794, 27.1131, 44.8204



30.6695, 27.1131, 79.3917

Rectangle

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



39.8360, 27.1131, 18.1727



30.2328, 27.1131, 6.5300



15.4794, 27.1131, 44.8204



21.7698, 27.1131, 80.1819

Sweetspot

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



39.8367, 27.1146, 18.1732



76.9663, 73.0802, 74.3626



47.8105, 29.9229, 77.3842



16.0767, 15.0525, 15.1524



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.



39.8367, 27.1146, 18.1732



46.6025, 28.4962, 14.4733



46.2737, 40.8205, 17.7542



14.4224, 14.3862, 15.1589



18.5539, 9.5558, 1.2797



1.3871, 0.7125, 0.1788

Inverse Universe

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



39.8367, 27.1146, 18.1732



46.6025, 28.4962, 14.4733



34.9712, 39.3456, 79.8796



14.4224, 14.3862, 15.1589



18.5539, 9.5558, 1.2797



1.3871, 0.7125, 0.1788

Previews

White Background



This preview shows how the XYZ color 39.8360, 27.1131, 18.1727 looks on a white background.

Color Contrast Check

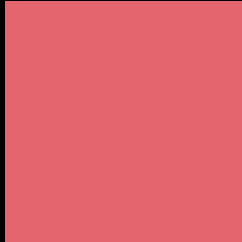
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.8360, 27.1131, 18.1727 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 39.8360, 27.1131, 18.1727

Background



This preview shows how black text looks on a background with the XYZ color 39.8360, 27.1131, 18.1727.



This preview shows how white text looks on a background with the XYZ color 39.8360, 27.1131,

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

39.8360, 27.1131, 18.1727

Protanopia

25.9825, 27.2806, 25.3690

Deuteranopia

27.8576, 27.3463, 17.1747



Tritanopia

39.6736, 27.0481, 17.3171

Trichromacy



Original Color

39.8360, 27.1131, 18.1727

Protanomaly

29.3589, 25.9811, 22.5363

Deuteranomaly

31.3474, 26.5532, 17.3830

Tritanomaly

39.7271, 27.0695, 17.5991

Monochromacy



Original Color

39.8360, 27.1131, 18.1727

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.4366, 25.2773, 24.1491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8360, 27.1131, 18.1727 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(229, 101, 111)` looks like.

```
.text, #text, p{  
    color:rgb(229, 101, 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(229, 101, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 101, 111) }
```

Border

The CSS property to change the border of an element to XYZ 39.8360, 27.1131, 18.1727 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(229, 101, 111) }
```


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

```
.border{ border-color:rgb(229, 101, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 101, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 101, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 101, 111);  
box-shadow:4px 4px 4px 4px rgb(229, 101,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8360, 27.1131, 18.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 101, 111) }
```

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

```
.background{ background-color: rgb(229,  
101, 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