

Converting Colors

XYZ(39.4363, 27.6816, 16.9024)

Have a look what the booklet for
XYZ(39.4363, 27.6816, 16.9024)
contains.

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Color

**XYZ(39.4341, 27.6796,
16.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	E36A6A
RGB	227, 106, 106
RGB Percent	89%, 42%, 42%
CMY	0.1098, 0.5843, 0.5843
CMYK	0.00, 0.53, 0.53, 0.11
HSL	0°, 68%, 65%
HSV	0°, 53%, 89%
XYZ	39.4341, 27.6796, 16.9000
YIQ	142.1790, 72.1160, 25.6520

Conversions

Conversions Part 2

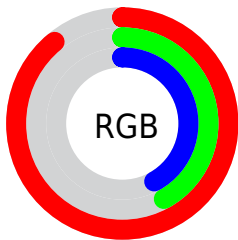
Format	Color
R_{YB}	227, 106, 106
Decimal	14903914
CIE _{Lab}	59.60, 47.06, 22.86
CIE _{LCh}	60, 52.322, 25.905
Yxy	27.6796, 0.4694, 0.3295
Android (android.graphics.Color)	4293093994 (0xFFE36A6A)
YUV	142.1790, -17.8362, 74.3880
Hunter-Lab	52.6114, 41.7221, 17.7827

Details

The XYZ color **39.4341, 27.6796, 16.9000** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.2762, 63.5445, 82.4463**, and the grayscale version is **25.8314, 27.1766, 29.5954**.

A 20% lighter version of the original color is **59.8966, 48.8359, 38.1677**, and **17.9989, 11.0775, 5.3272** is the 20% darker color. If you saturate the color by 10%, you get **36.3683, 23.1939, 10.8047**, and if you desaturate by 10%, it is **43.4326, 33.5311, 24.8478**.

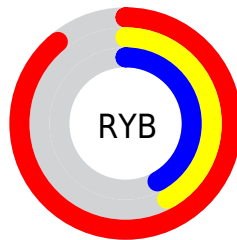
Distribution



Red (89%)

Green (42%)

Blue (42%)



Red (89%)

Yellow (42%)

Blue (42%)

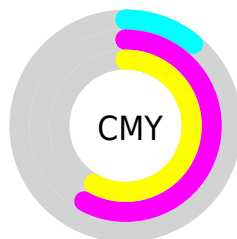


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (11%)



Cyan (11%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4341, 27.6796, 16.9000 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 39.4341, 27.6796, 16.9000 by changing the saturation by 10% instead.


 39.4341, 27.6796,
16.9000


 39.4341, 27.6796,
16.9000


334.9081,
290.9327, 246.6199


 27.2798, 18.0843,
10.0020


 73.5908, 55.9725,
38.9421

 17.9212, 11.0105,
5.2947


 96.3240, 75.4389,
54.9232

 10.9928, 6.0739,
2.3594


 123.3142, 98.9644,
74.7692

 6.1292, 2.8901,
0.7642

 154.9268,
126.9334, 98.8984

 2.9652, 1.0746,
0.0000

191.5272,
159.7304, 127.7296

 1.1354, 0.0000,
0.0000

233.4806,

 0.0544, 0.0000,

197.7396, 161.6812

0.0000

281.1524,
241.3456, 201.1718

■ 0.0000, 0.0000,
0.0000

■ 39.4341, 27.6796,
16.9000

■ 39.4341, 27.6796,
16.9000

■ 36.3683, 23.1939,
10.8047

■ 43.4326, 33.5311,
24.8478

■ 34.1580, 19.9595,
6.4110

■ 48.4288, 40.8420,
34.7800

■ 32.7169, 17.8507,
3.5465

■ 54.4843, 49.7029,
46.8180

■ 31.9399, 16.7136,
2.0021

■ 61.6550, 60.1958,
61.0731

■ 31.6785, 16.3311,
1.4826

■ 69.9931, 72.3966,
77.6489

■ 79.5472, 86.3770,
96.6424

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



41.0820, 27.6796, 32.8050



39.4341, 27.6796, 16.9000



34.0713, 27.6796, 8.9665

Triad

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



39.4341, 27.6796, 16.9000



17.1475, 27.6796, 14.0277



25.4141, 27.6796, 82.7706

Complementary

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



39.4341, 27.6796, 16.9000



47.2762, 63.5445, 82.4463

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.



19.8248, 27.6796, 71.2932



39.4341, 27.6796, 16.9000



15.5843, 27.6796, 27.6203

Square

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



39.4341, 27.6796, 16.9000



21.1512, 27.6796, 7.8604



16.4762, 27.6796, 48.9386



32.2428, 27.6796, 75.9939

Rectangle

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



39.4341, 27.6796, 16.9000



29.5171, 27.6796, 6.8631



16.4762, 27.6796, 48.9386



23.3415, 27.6796, 80.8249

Sweetspot

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



39.4348, 27.6811, 16.9005



77.5009, 74.3208, 74.0129



50.6976, 32.1851, 76.2130



16.1668, 15.2909, 15.0038



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.



39.4348, 27.6811, 16.9005



46.9736, 29.6504, 13.3268



48.0073, 44.8261, 19.7580



14.3771, 14.3681, 14.9200



18.4751, 9.5244, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



47.2762, 63.5445, 82.4463



58.2008, 80.9993, 107.1747



33.5364, 36.0649, 77.8663



14.8074, 16.3363, 18.5171



24.1043, 35.2707, 47.9207



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 39.4341, 27.6796, 16.9000 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 39.4341, 27.6796, 16.9000 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 39.4341, 27.6796, 16.9000

Background



This preview shows how black text looks on a background with the XYZ color 39.4341, 27.6796, 16.9000.



This preview shows how white text looks on a background with the XYZ color 39.4341, 27.6796,

16.9000.

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

39.4341, 27.6796, 16.9000

Protanopia

26.3109, 27.9559, 22.7482

Deuteranopia

28.4507, 27.8872, 16.1952



Tritanopia

39.6548, 27.6039, 18.5673

Trichromacy



Original Color

39.4341, 27.6796, 16.9000

Protanomaly

29.7839, 26.8333, 20.4392

Deuteranomaly

31.6473, 27.1074, 16.3962

Tritanomaly

39.5446, 27.5598, 17.9872

Monochromacy



Original Color

39.4341, 27.6796, 16.9000

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.0463, 26.1697, 24.2892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4341, 27.6796, 16.9000 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(227, 106, 106)` looks like.

```
.text, #text, p{  
  color:rgb(227, 106, 106)  
}
```

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(227, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 106, 106) }
```

Border

The CSS property to change the border of an element to XYZ 39.4341, 27.6796, 16.9000 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(227, 106, 106) }
```


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

```
.border{ border-color:rgb(227, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(227, 106,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4341, 27.6796, 16.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 106, 106) }
```

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

```
.background{ background-color: rgb(227,  
106, 106) }
```

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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