

Converting Colors

XYZ(39.8540, 27.8693, 25.1086)

Have a look what the booklet for
XYZ(39.8540, 27.8693, 25.1086)
contains.

XYZ(39.8540, 27.8693, 25.1086)	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(39.8540, 27.8693,
25.1086)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6B84
RGB	223, 107, 132
RGB Percent	87%, 42%, 52%
CMY	0.1255, 0.5804, 0.4823
CMYK	0.00, 0.52, 0.41, 0.13
HSL	347°, 64%, 65%
HSV	347°, 52%, 87%
XYZ	39.8540, 27.8693, 25.1086
YIQ	144.5340, 61.1110, 32.3670

Conversions

Conversions Part 2

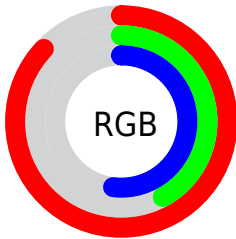
Format	Color
RYB	223, 107, 132
Decimal	14642052
CIELab	59.77, 47.64, 7.99
CIElCh	60, 48.307, 9.525
Yxy	27.8693, 0.4293, 0.3002
Android (android.graphics.Color)	4292832132 (0xFFDF6B84)
YUV	144.5340, -6.1793, 68.8147
Hunter-Lab	52.7914, 42.3708, 8.7545

Details

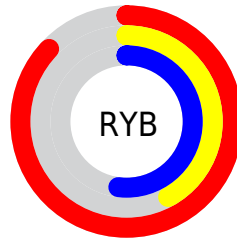
The XYZ color **39.8540, 27.8693, 25.1086** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.6456, 59.9791, 62.7591**, and the grayscale version is **26.7325, 28.1247, 30.6278**.

A 20% lighter version of the original color is **62.7418, 50.2525, 52.2918**, and **18.1903, 11.1554, 9.3781** is the 20% darker color. If you saturate the color by 10%, you get **36.7230, 23.3654, 18.6455**, and if you desaturate by 10%, it is **43.7866, 33.6552, 32.8300**.

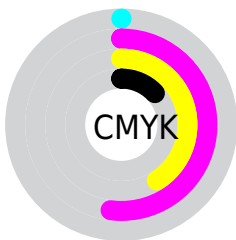
Distribution



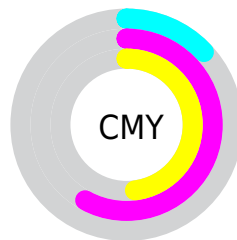
- Red (87%)
- Green (42%)
- Blue (52%)



- Red (87%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (52%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8540, 27.8693, 25.1086 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 39.8540, 27.8693, 25.1086 by changing the saturation by 10% instead.


 39.8540, 27.8693,
25.1086


 39.8540, 27.8693,
25.1086


336.6528,
291.8419, 291.8433


 27.6084, 18.2272,
15.9382


 74.2269, 56.2757,
52.7997


 18.1696, 11.1132,
9.3266


 97.0849, 75.8088,
72.1574

 11.1723, 6.1430,
4.8551


 124.2112, 99.4076,
95.7481

 6.2510, 2.9322,
2.1052

 155.9710,
127.4565, 123.9901

 3.0404, 1.0965,
0.6189

192.7297,
160.3401, 157.3021

 1.1752, 0.0000,
0.0000

234.8526,

 0.0866, 0.0000,

198.4425, 196.1026

0.0000

282.7052,
242.1483, 240.8102

■ 0.0000, 0.0000,
0.0000

■ 39.8540, 27.8693,
25.1086

■ 39.8540, 27.8693,
25.1086

■ 36.7230, 23.3654,
18.6455

■ 43.7866, 33.6552,
32.8300

■ 34.3344, 20.0409,
13.3707

■ 48.5701, 40.8067,
41.8712

■ 32.6240, 17.7848,
9.2094

■ 54.2522, 49.4051,
52.2913

■ 31.5147, 16.4624,
6.0771

■ 60.8763, 59.5245,
64.1456

■ 30.9660, 15.9018,
4.2392

■ 68.4833, 71.2335,
77.4861

■ 77.1112, 84.5969,
92.3623

■ 84.1553, 94.3935,
107.9408

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



39.0966, 27.8693, 43.7090



39.8540, 27.8693, 25.1086



36.6291, 27.8693, 13.5678

Triad

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



39.8540, 27.8693, 25.1086



19.6906, 27.8693, 11.0813



22.5864, 27.8693, 74.0666

Complementary

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



39.8540, 27.8693, 25.1086



42.6456, 59.9791, 62.7591

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.



18.4176, 27.8693, 57.2050



39.8540, 27.8693, 25.1086



16.9329, 27.8693, 20.0271

Square

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



39.8540, 27.8693, 25.1086



24.5912, 27.8693, 7.7816



16.5057, 27.8693, 36.2629



28.4819, 27.8693, 77.1217

Rectangle

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



39.8540, 27.8693, 25.1086



32.9085, 27.8693, 9.5967



16.5057, 27.8693, 36.2629



20.9637, 27.8693, 69.5848

Sweetspot

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



39.8547, 27.8707, 25.1091



78.6554, 74.7817, 80.0948



41.8316, 27.8324, 72.9794



16.4379, 15.3991, 16.4318



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.



39.8547, 27.8707, 25.1091



49.6000, 31.4287, 24.9132



42.4449, 35.4683, 18.5208



13.8275, 13.7486, 14.8618



18.2416, 9.3637, 2.6723



1.2975, 0.6623, 0.3593

Inverse Universe

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



39.8547, 27.8707, 25.1091



49.6000, 31.4287, 24.9132



37.8263, 45.3395, 76.5698



13.8275, 13.7486, 14.8618



18.2416, 9.3637, 2.6723



1.2975, 0.6623, 0.3593

Previews

White Background



This preview shows how the XYZ color 39.8540, 27.8693, 25.1086 looks on a white background.

Color Contrast Check

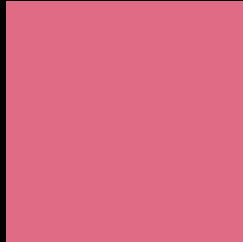
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.8540, 27.8693, 25.1086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

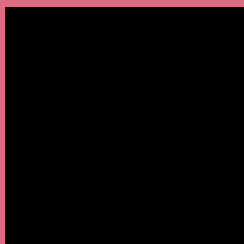
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.8540, 27.8693, 25.1086

Background



This preview shows how black text looks on a background with the XYZ color 39.8540, 27.8693, 25.1086.



This preview shows how white text looks on a background with the XYZ color 39.8540, 27.8693,

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

39.8540, 27.8693, 25.1086

Protanopia

27.3178, 28.2333, 33.7155

Deuteranopia

28.5804, 27.9969, 23.9763



Tritanopia

38.9110, 27.9658, 20.1767

Trichromacy



Original Color

39.8540, 27.8693, 25.1086

Protanomaly

30.4607, 27.1612, 30.4252

Deuteranomaly

31.8015, 27.2028, 24.3434

Tritanomaly

39.1057, 27.8720, 21.7311

Monochromacy



Original Color

39.8540, 27.8693, 25.1086

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.0835, 27.0103, 28.4389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8540, 27.8693, 25.1086 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(223, 107, 132)` looks like.

```
.text, #text, p{  
    color:rgb(223, 107, 132)  
}
```

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(223, 107, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 107, 132) }
```

Border

The CSS property to change the border of an element to XYZ 39.8540, 27.8693, 25.1086 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(223, 107, 132) }
```


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

```
.border{ border-color:rgb(223, 107, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 107, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 107, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 107, 132);  
box-shadow:4px 4px 4px 4px rgb(223, 107,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8540, 27.8693, 25.1086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 107, 132) }
```

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

```
.background{ background-color: rgb(223,  
107, 132) }
```

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