

Converting Colors

XYZ(40.9482, 27.4633, 39.0521)

Have a look what the booklet for
XYZ(40.9482, 27.4633, 39.0521)
contains.

XYZ(40.9466, 27.5137, 39.2290)	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(40.9466, 27.5137,
39.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	DB67A6
RGB	219, 103, 166
RGB Percent	86%, 40%, 65%
CMY	0.1412, 0.5961, 0.3490
CMYK	0.00, 0.53, 0.24, 0.14
HSL	327°, 62%, 63%
HSV	327°, 53%, 86%
XYZ	40.9466, 27.5137, 39.2290
YIQ	144.8660, 48.9130, 44.1850

Conversions

Conversions Part 2

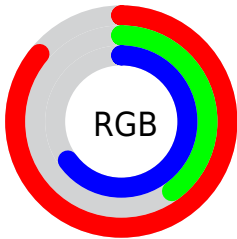
Format	Color
R _Y B	219, 103, 166
Decimal	14378918
CIE Lab	59.45, 52.43, -12.23
CIE LCh	59, 53.833, 346.866
Yxy	27.5137, 0.3802, 0.2555
Android (android.graphics.Color)	4292568998 (0xFFDB67A6)
YUV	144.8660, 10.4191, 65.0155
Hunter-Lab	52.4535, 47.5482, -7.6244

Details

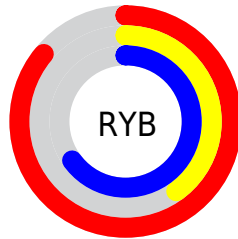
The XYZ color **40.9466, 27.5137, 39.2290** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.9271, 55.9477, 40.3078**, and the grayscale version is **26.8053, 28.2013, 30.7112**.

A 20% lighter version of the original color is **66.5180, 50.9342, 74.7320**, and **18.7922, 10.9059, 17.0342** is the 20% darker color. If you saturate the color by 10%, you get **38.1641, 23.3609, 33.9476**, and if you desaturate by 10%, it is **44.3725, 32.8385, 45.0778**.

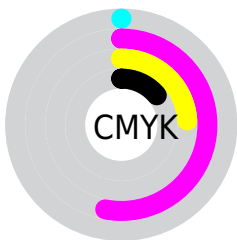
Distribution



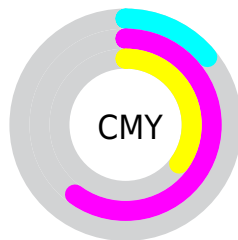
- Red (86%)
- Green (40%)
- Blue (65%)



- Red (86%)
- Yellow (40%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (14%)




- Cyan (14%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9466, 27.5137, 39.2290 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 40.9466, 27.5137, 39.2290 by changing the saturation by 10% instead.


 40.9466, 27.5137,
39.2290


 40.9466, 27.5137,
39.2290

341.1638,
290.1358, 358.3181

 28.4648, 17.9594,
26.6287


 75.8780, 55.7071,
75.2122


 18.8186, 10.9208,
17.0646


 99.0584, 75.1150,
99.4322

 11.6425, 6.0136,
10.1181


 126.5358, 98.5762,
128.3626

 6.5712, 2.8534,
5.3707

 158.6754,
126.4751, 162.4218

 3.2393, 1.0557,
2.4039

195.8426,
159.1961, 202.0284

 1.2816, 0.0000,
0.7885

238.4029,

 0.1694, 0.0000,

197.1237, 247.6010

0.0000

286.7215,
240.6421, 299.5580

■ 0.0000, 0.0000,
0.0000

■ 40.9466, 27.5137,
39.2290

■ 40.9466, 27.5137,
39.2290

■ 38.1641, 23.3609,
33.9476

■ 44.3725, 32.8385,
45.0778

■ 35.9755, 20.2842,
29.2083

■ 48.4816, 39.4131,
51.5143

■ 34.3273, 18.1794,
24.9853


■ 53.3130, 47.3133,
58.5591


■ 33.1544, 16.9191,
21.2484


■ 58.9024, 56.6078,
66.2314


■ 32.5395, 16.3905,
18.8811

■ 65.2828, 67.3603,
74.5493

 72.4851, 79.6306,
83.5299

 80.1206, 92.6390,
93.0504

 81.6162, 93.2372,
100.9261

 83.0236, 93.8001,
108.3372

Harmonies

Analogous

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



36.8193, 27.5137, 63.2614



40.9466, 27.5137, 39.2290



40.6522, 27.5137, 20.4105

Triad

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



40.9466, 27.5137, 39.2290



22.5611, 27.5137, 6.5997



18.2387, 27.5137, 66.1224

Complementary

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



40.9466, 27.5137, 39.2290



36.9271, 55.9477, 40.3078

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.



15.5875, 27.5137, 42.0964



40.9466, 27.5137, 39.2290



17.7724, 27.5137, 11.0448

Square

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



40.9466, 27.5137, 39.2290



29.2144, 27.5137, 6.3736



15.4330, 27.5137, 22.2760



23.3095, 27.5137, 82.7373

Rectangle

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



40.9466, 27.5137, 39.2290



37.9779, 27.5137, 12.7253



15.4330, 27.5137, 22.2760



17.0761, 27.5137, 58.2707

Sweetspot

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



40.9474, 27.5151, 39.2295



80.5296, 75.5314, 89.9644



31.1938, 21.8049, 69.5828



16.8822, 15.5768, 18.7716



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.



40.9474, 27.5151, 39.2295



53.3321, 32.1926, 46.8136



36.8143, 25.8618, 17.4648



13.3503, 13.1692, 15.1060



19.3502, 9.7411, 11.4902



1.2969, 0.6484, 0.9724

Inverse Universe

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



40.9474, 27.5151, 39.2295



53.3321, 32.1926, 46.8136



42.9616, 58.3615, 72.0850



13.3503, 13.1692, 15.1060



19.3502, 9.7411, 11.4902



1.2969, 0.6484, 0.9724

Previews

White Background



This preview shows how the XYZ color 40.9466, 27.5137, 39.2290 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 40.9466, 27.5137, 39.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

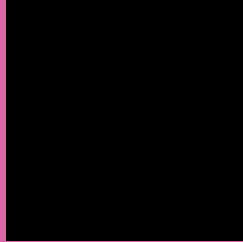
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.9466, 27.5137, 39.2290

Background



This preview shows how black text looks on a background with the XYZ color 40.9466, 27.5137, 39.2290.



This preview shows how white text looks on a background with the XYZ color 40.9466, 27.5137,

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

40.9466, 27.5137, 39.2290

Protanopia

28.3519, 27.8634, 54.3359

Deuteranopia

28.3009, 27.7783, 37.1278



Tritanopia

37.3806, 27.6378, 21.4536

Trichromacy



Original Color

40.9466, 27.5137, 39.2290

Protanomaly

31.1667, 26.5386, 48.2795

Deuteranomaly

31.7902, 26.9013, 37.6994

Tritanomaly

38.3029, 27.3424, 26.9257

Monochromacy



Original Color

40.9466, 27.5137, 39.2290

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.7457, 27.0358, 33.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9466, 27.5137, 39.2290 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(219, 103, 166)` looks like.

```
.text, #text, p{  
    color:rgb(219, 103, 166)  
}
```

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(219, 103, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 103, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.9466, 27.5137, 39.2290 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(219, 103, 166) }
```


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

```
.border{ border-color:rgb(219, 103, 166) }
```

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

Here you see how a box with a 4 pixel rgb(219, 103, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 103, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 103, 166);  
box-shadow:4px 4px 4px 4px rgb(219, 103,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9466, 27.5137, 39.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 103, 166) }
```

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

```
.background{ background-color: rgb(219,  
103, 166) }
```

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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