

Converting Colors

XYZ(36.3980, 27.4095, 26.1475)

Have a look what the booklet for
XYZ(36.3980, 27.4095, 26.1475)
contains.

XYZ(36.5163, 27.4206, 26.2898)	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(36.5163, 27.4206,
26.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	D07387
RGB	208, 115, 135
RGB Percent	82%, 45%, 53%
CMY	0.1843, 0.5490, 0.4706
CMYK	0.00, 0.45, 0.35, 0.18
HSL	347°, 50%, 63%
HSV	347°, 45%, 82%
XYZ	36.5163, 27.4206, 26.2898
YIQ	145.0870, 49.0080, 25.9360

Conversions

Conversions Part 2

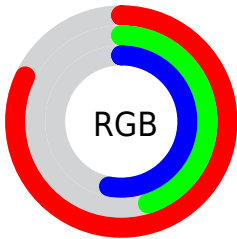
Format	Color
R_{YB}	208, 115, 135
Decimal	13661063
CIE _{Lab}	59.36, 38.65, 5.39
CIE _{LCh}	59, 39.025, 7.946
Yxy	27.4206, 0.4047, 0.3039
Android (android.graphics.Color)	4291851143 (0xFFD07387)
YUV	145.0870, -4.9729, 55.1747
Hunter-Lab	52.3647, 32.8381, 6.8886

Details

The XYZ color **36.5163, 27.4206, 26.2898** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.7045, 52.3880, 55.6516**, and the grayscale version is **26.9553, 28.3591, 30.8831**.

A 20% lighter version of the original color is **64.5051, 53.2668, 54.4587**, and **16.2356, 10.9020, 9.8429** is the 20% darker color. If you saturate the color by 10%, you get **33.3436, 22.7760, 19.9889**, and if you desaturate by 10%, it is **40.4019, 33.2086, 33.6988**.

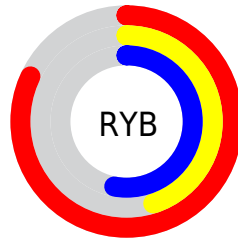
Distribution



Red (82%)

Green (45%)

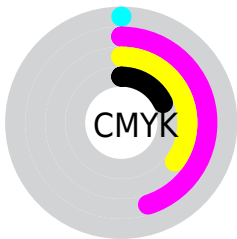
Blue (53%)



Red (82%)

Yellow (45%)

Blue (53%)

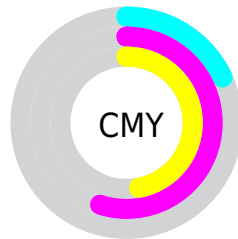


Cyan (0%)

Magenta (45%)

Yellow (35%)

Black (18%)



Cyan (18%)


Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5163, 27.4206, 26.2898 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 36.5163, 27.4206, 26.2898 by changing the saturation by 10% instead.


 36.5163, 27.4206,
26.2898


 36.5163, 27.4206,
26.2898


322.6036,
289.6879, 297.8524


 25.0052, 17.8894,
16.8129


 69.1469, 55.5581,
54.7319

 16.2097, 10.8706,
9.9406


 90.9971, 74.9331,
74.5342

 9.7644, 5.9799,
5.2545


 117.0243, 98.3581,
98.6153

 5.3041, 2.8328,
2.3360

147.5939,
126.2176, 127.3937

 2.4634, 1.0451,
0.7513

183.0713,
158.8959, 161.2882

 0.8768, 0.0000,
0.0000

223.8218,

 0.0000, 0.0000,

196.7775, 200.7171

0.0000

270.2108,
240.2467, 246.0990

■ 36.5163, 27.4206,
26.2898

■ 36.5163, 27.4206,
26.2898

■ 33.3436, 22.7760,
19.9889

■ 40.4019, 33.2086,
33.6988

■ 30.8372, 19.1947,
14.7401

■ 45.0387, 40.2050,
42.2647

■ 28.9481, 16.5925,
10.4848


■ 50.4649, 48.4747,
52.0354


■ 27.6194, 14.8708,
7.1579


■ 56.7154, 58.0769,
63.0555


■ 26.7831, 13.9098,
4.6853

■ 63.8229, 69.0669,
75.3674

 26.4808, 13.5972,
3.6836

 71.8186, 81.4970,
89.0113

 78.9173, 91.7878,
103.4211

 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



35.7737, 27.4206, 41.1393



36.5163, 27.4206, 26.2898



34.1938, 27.4206, 16.1812

Triad

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



36.5163, 27.4206, 26.2898



20.7026, 27.4206, 13.2700



22.6922, 27.4206, 62.3740

Complementary

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



36.5163, 27.4206, 26.2898



38.7045, 52.3880, 55.6516

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.



19.3347, 27.4206, 49.6418



36.5163, 27.4206, 26.2898



18.2899, 27.4206, 20.8517

Square

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



36.5163, 27.4206, 26.2898



24.7854, 27.4206, 10.3526



17.8224, 27.4206, 33.7318



27.3827, 27.4206, 65.2106

Rectangle

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



36.5163, 27.4206, 26.2898



31.3722, 27.4206, 12.3675



17.8224, 27.4206, 33.7318



21.3884, 27.4206, 58.9531

Sweetspot

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



36.5170, 27.4220, 26.2903



81.4612, 79.0788, 85.0827



38.2189, 27.4893, 62.9661



16.9913, 16.2452, 17.4198



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.



36.5170, 27.4220, 26.2903



52.8955, 36.1563, 31.7567



38.6844, 33.8022, 20.7070



11.9113, 11.8493, 12.8086



16.5337, 8.4863, 2.4507



0.9546, 0.4865, 0.2955

Inverse Universe

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



36.5170, 27.4220, 26.2903



52.8955, 36.1563, 31.7567



35.1128, 41.5127, 65.8366



11.9113, 11.8493, 12.8086



16.5337, 8.4863, 2.4507



0.9546, 0.4865, 0.2955

Previews

White Background



This preview shows how the XYZ color 36.5163, 27.4206, 26.2898 looks on a white background.

Color Contrast Check

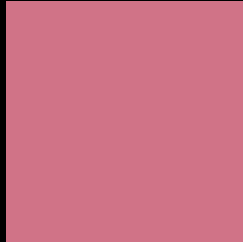
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5163, 27.4206, 26.2898 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 36.5163, 27.4206, 26.2898

Background



This preview shows how black text looks on a background with the XYZ color 36.5163, 27.4206, 26.2898.



This preview shows how white text looks on a background with the XYZ color 36.5163, 27.4206,

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

36.5163, 27.4206, 26.2898

Protanopia

26.9100, 27.8086, 33.2274

Deuteranopia

28.0855, 27.4970, 25.2999



Tritanopia

35.7951, 27.4686, 22.8174

Trichromacy



Original Color

36.5163, 27.4206, 26.2898

Protanomaly

29.4347, 27.0349, 30.4549

Deuteranomaly

30.7379, 27.2149, 25.4627

Tritanomaly

35.9400, 27.3412, 24.1520

Monochromacy



Original Color

36.5163, 27.4206, 26.2898

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.4813, 27.2981, 28.9145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5163, 27.4206, 26.2898 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(208, 115, 135)` looks like.

```
.text, #text, p{  
    color:rgb(208, 115, 135)  
}
```

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(208, 115, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 115, 135) }
```

Border

The CSS property to change the border of an element to XYZ 36.5163, 27.4206, 26.2898 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(208, 115, 135) }
```


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

```
.border{ border-color:rgb(208, 115, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 115, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 115, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 115, 135);  
box-shadow:4px 4px 4px 4px rgb(208, 115,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5163, 27.4206, 26.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 115, 135) }
```

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

```
.background{ background-color: rgb(208,  
115, 135) }
```

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