

Converting Colors

XYZ(36.9060, 27.4349, 25.8582)

Have a look what the booklet for
XYZ(36.9060, 27.4349, 25.8582)
contains.

XYZ(36.8987, 27.4575, 25.9093)	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(36.8987, 27.4575,
25.9093)**

Conversions

Conversions Part 1

Format	Color
Hex	D27286
RGB	210, 114, 134
RGB Percent	82%, 45%, 53%
CMY	0.1765, 0.5529, 0.4745
CMYK	0.00, 0.46, 0.36, 0.18
HSL	348°, 52%, 64%
HSV	348°, 46%, 82%
XYZ	36.8987, 27.4575, 25.9093
YIQ	144.9840, 50.7960, 26.5720

Conversions

Conversions Part 2

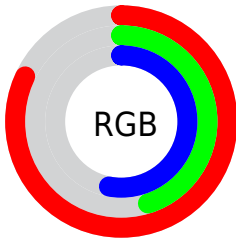
Format	Color
R_{YB}	210, 114, 134
Decimal	13791878
CIE _{Lab}	59.40, 39.77, 6.06
CIE _{LCh}	59, 40.227, 8.660
Yxy	27.4575, 0.4088, 0.3042
Android (android.graphics.Color)	4291981958 (0xFFD27286)
YUV	144.9840, -5.4151, 57.0190
Hunter-Lab	52.3999, 33.9954, 7.3638

Details

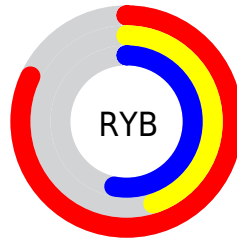
The XYZ color **36.8987, 27.4575, 25.9093** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2816, 53.3889, 56.9529**, and the grayscale version is **26.9148, 28.3164, 30.8366**.

A 20% lighter version of the original color is **64.2123, 52.8531, 53.8310**, and **16.5541, 10.9832, 9.8418** is the 20% darker color. If you saturate the color by 10%, you get **33.7262, 22.8246, 19.5734**, and if you desaturate by 10%, it is **40.7988, 33.2535, 33.3877**.

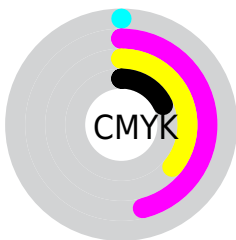
Distribution



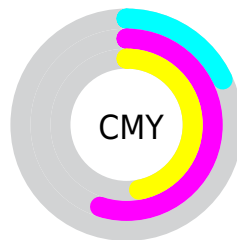
- Red (82%)
- Green (45%)
- Blue (53%)



- Red (82%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (36%)
- Black (18%)





- Cyan (18%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8987, 27.4575, 25.9093 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 36.8987, 27.4575, 25.9093 by changing the saturation by 10% instead.


 36.8987, 27.4575,
25.9093


 36.8987, 27.4575,
25.9093


324.2349,
289.8655, 295.9279


 25.3024, 17.9171,
16.5306


 69.7318, 55.6171,
54.1109

 16.4324, 10.8905,
9.7420


 91.6993, 75.0052,
73.7709

 9.9234, 5.9932,
5.1249


 117.8546, 98.4446,
97.6951

 5.4101, 2.8410,
2.2607

148.5630,
126.3197, 126.3020

 2.5270, 1.0493,
0.7091

184.1898,
159.0150, 160.0102

 0.9089, 0.0000,
0.0000

225.1005,

 0.0000, 0.0000,

196.9147, 199.2382

0.0000

271.6604,
240.4035, 244.4046

■ 36.8987, 27.4575,
25.9093

■ 36.8987, 27.4575,
25.9093

■ 33.7262, 22.8246,
19.5734

■ 40.7988, 33.2535,
33.3877

■ 31.2327, 19.2718,
14.3212

■ 45.4662, 40.2800,
42.0602

■ 29.3675, 16.7118,
10.0907


■ 50.9406, 48.6039,
51.9772


■ 28.0708, 15.0417,
6.8126


■ 57.2581, 58.2863,
63.1856


■ 27.2708, 14.1350,
4.4081

■ 64.4527, 69.3843,
75.7299

 27.0281, 13.8815,
3.6123

 72.5564, 81.9518,
89.6524

 79.6536, 92.1477,
104.3448

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



36.2052, 27.4575, 41.1771



36.8987, 27.4575, 25.9093



34.4203, 27.4575, 15.6938

Triad

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



36.8987, 27.4575, 25.9093



20.4995, 27.4575, 13.0386



22.7272, 27.4575, 63.9166

Complementary

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



36.8987, 27.4575, 25.9093



39.2816, 53.3889, 56.9529

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.



19.2377, 27.4575, 50.8029



36.8987, 27.4575, 25.9093



18.0714, 27.4575, 20.8909

Square

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



36.8987, 27.4575, 25.9093



24.6654, 27.4575, 9.9960



17.6412, 27.4575, 34.2732



27.5841, 27.4575, 66.5861

Rectangle

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



36.8987, 27.4575, 25.9093



31.4697, 27.4575, 11.9045



17.6412, 27.4575, 34.2732



21.3744, 27.4575, 60.4198

Sweetspot

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



36.8994, 27.4589, 25.9098



80.4786, 77.6112, 83.2209



38.6871, 27.5337, 64.2482



16.7961, 15.9558, 17.0435



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.



36.8994, 27.4589, 25.9098



52.3735, 35.4770, 30.4580



39.1710, 34.0267, 20.4247



11.9080, 11.8480, 12.7915



16.5166, 8.4795, 2.3606



0.9531, 0.4859, 0.2876

Inverse Universe

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



36.8994, 27.4589, 25.9098



52.3735, 35.4770, 30.4580



35.4657, 42.0162, 67.2134



11.9080, 11.8480, 12.7915



16.5166, 8.4795, 2.3606



0.9531, 0.4859, 0.2876

Previews

White Background



This preview shows how the XYZ color 36.8987, 27.4575, 25.9093 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 36.8987, 27.4575, 25.9093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

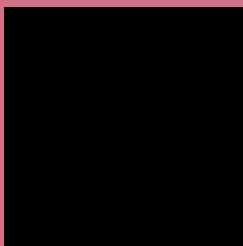
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.8987, 27.4575, 25.9093

Background



This preview shows how black text looks on a background with the XYZ color 36.8987, 27.4575, 25.9093.



This preview shows how white text looks on a background with the XYZ color 36.8987, 27.4575,

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

36.8987, 27.4575, 25.9093

Protanopia

26.8291, 27.7762, 32.8015

Deuteranopia

28.0180, 27.4700, 24.9446



Tritanopia

36.1780, 27.5013, 22.4703

Trichromacy



Original Color

36.8987, 27.4575, 25.9093

Protanomaly

29.4338, 26.8410, 30.0151

Deuteranomaly

30.5374, 26.9229, 25.0599

Tritanomaly

36.3215, 27.3753, 23.7917

Monochromacy



Original Color

36.8987, 27.4575, 25.9093

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.6950, 27.4083, 28.9245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8987, 27.4575, 25.9093 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(210, 114, 134)` looks like.

```
.text, #text, p{  
    color:rgb(210, 114, 134)  
}
```

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(210, 114, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 114, 134) }
```

Border

The CSS property to change the border of an element to XYZ 36.8987, 27.4575, 25.9093 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(210, 114, 134) }
```


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

```
.border{ border-color:rgb(210, 114, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 114, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 114, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 114, 134);  
box-shadow:4px 4px 4px 4px rgb(210, 114,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8987, 27.4575, 25.9093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 114, 134) }
```

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

```
.background{ background-color: rgb(210,  
114, 134) }
```

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