

Converting Colors

XYZ(42.8175, 36.5990, 27.7293)

Have a look what the booklet for
XYZ(42.8175, 36.5990, 27.7293)
contains.

XYZ(42.8175, 36.5990, 27.7293)	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(42.8175, 36.5990,
27.7293)**

Conversions

Conversions Part 1

Format	Color
Hex	D89187
RGB	216, 145, 135
RGB Percent	85%, 57%, 53%
CMY	0.1529, 0.4314, 0.4706
CMYK	0.00, 0.33, 0.37, 0.15
HSL	7°, 51%, 69%
HSV	7°, 37%, 85%
XYZ	42.8175, 36.5990, 27.7293
YIQ	165.0890, 45.5260, 11.9420

Conversions

Conversions Part 2

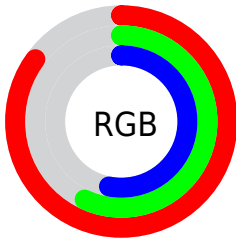
Format	Color
R _Y B	216, 146, 135
Decimal	14193031
CIE Lab	66.98, 25.64, 16.29
CIE LCh	67, 30.378, 32.425
Yxy	36.5990, 0.3996, 0.3416
Android (android.graphics.Color)	4292383111 (0xFFD89187)
YUV	165.0890, -14.8339, 44.6489
Hunter-Lab	60.4971, 20.4654, 15.1720

Details

The XYZ color **42.8175, 36.5990, 27.7293** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4568, 54.2494, 73.0939**, and the grayscale version is **35.8614, 37.7289, 41.0868**.

A 20% lighter version of the original color is **70.7405, 65.7377, 56.5372**, and **19.9405, 16.0322, 10.6379** is the 20% darker color. If you saturate the color by 10%, you get **38.7925, 30.7408, 19.6305**, and if you desaturate by 10%, it is **47.6351, 43.5483, 37.6151**.

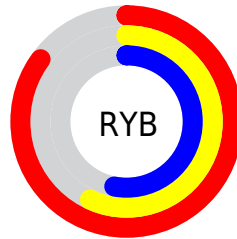
Distribution



Red (85%)

Green (57%)

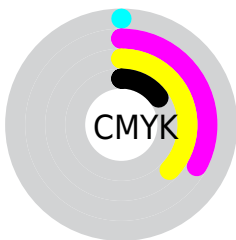
Blue (53%)



Red (85%)

Yellow (57%)

Blue (53%)

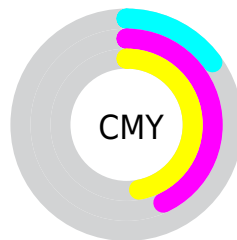


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (15%)



Cyan (15%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8175, 36.5990, 27.7293 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 42.8175, 36.5990, 27.7293 by changing the saturation by 10% instead.

 42.8175, 36.5990,
27.7293


 42.8175, 36.5990,
27.7293


348.7949,
331.5711, 305.0423


 29.9358, 24.8972,
17.8844


 78.6928, 69.9556,
57.0699

 19.9377, 16.0005,
10.6985


 102.4172, 92.3792,
77.4026

 12.4578, 9.5245,
5.7528

 130.4865,
119.1455, 102.0685

 7.1307, 5.0848,
2.6290

163.2662,
150.6388, 131.4859

 3.5910, 2.2971,
0.9074

201.1215,
187.2437, 166.0734

 1.4735, 0.7722,
0.0000

244.4178,

 0.3077, 0.0000,

229.3444, 206.2496

0.0000

293.5205,
277.3254, 252.4331

■ 0.0000, 0.0000,
0.0000

■ 42.8175, 36.5990,
27.7293

■ 42.8175, 36.5990,
27.7293

■ 38.7925, 30.7408,
19.6305

■ 47.6351, 43.5483,
37.6151

■ 35.5145, 25.9131,
13.2096

■ 53.2817, 51.6347,
49.3838

■ 32.9377, 22.0575,
8.3492

■ 59.7951, 60.9080,
63.1268

■ 31.0101, 19.1078,
4.9156

■ 67.2099, 71.4135,
78.9291

■ 29.6722, 16.9889,
2.7523

■ 75.5587, 83.1940,
96.8707

■ 28.8494, 15.6125,
1.6481

■ 82.1289, 93.3389,
108.2953

■ 28.7035, 15.3682,
1.4535

Harmonies

Analogous

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



44.4151, 36.5990, 38.7855



42.8175, 36.5990, 27.7293



39.0529, 36.5990, 21.3177

Triad

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



42.8175, 36.5990, 27.7293



27.5059, 36.5990, 29.2161



35.1627, 36.5990, 70.9745

Complementary

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



42.8175, 36.5990, 27.7293



44.4568, 54.2494, 73.0939

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.



30.8423, 36.5990, 66.8533



42.8175, 36.5990, 27.7293



26.6605, 36.5990, 40.9340

Square

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



42.8175, 36.5990, 27.7293



30.2466, 36.5990, 22.0334



27.8278, 36.5990, 55.0705



39.7588, 36.5990, 65.3481

Rectangle

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



42.8175, 36.5990, 27.7293



35.9678, 36.5990, 19.6111



27.8278, 36.5990, 55.0705



33.6308, 36.5990, 70.6828

Sweetspot

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



42.8185, 36.6008, 27.7300



83.5105, 83.6279, 84.3772



48.1906, 36.4103, 63.2315



17.5942, 17.5006, 17.4679



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.



42.8185, 36.6008, 27.7300



57.6176, 46.4120, 30.8293



50.0308, 51.0255, 30.1341



12.5456, 12.6655, 12.9442



17.0320, 9.1812, 0.8745



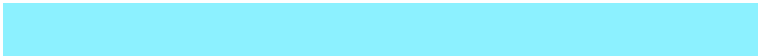
1.0691, 0.6374, 0.0667

Inverse Universe

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



44.4568, 54.2494, 73.0939



60.3115, 75.6254, 106.0261



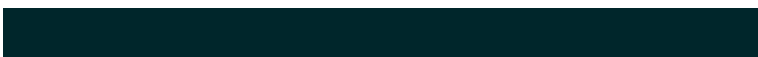
36.0320, 37.3998, 70.2856



12.6552, 13.8338, 15.9407



18.2025, 24.6669, 42.2550



1.1355, 1.5630, 2.5611

Previews

White Background



This preview shows how the XYZ color 42.8175, 36.5990, 27.7293 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 42.8175, 36.5990, 27.7293 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 ✓ Pass

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

XYZ 42.8175, 36.5990, 27.7293

Background



This preview shows how black text looks on a background with the XYZ color 42.8175, 36.5990, 27.7293.



This preview shows how white text looks on a background with the XYZ color 42.8175, 36.5990,

27.7293.

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

42.8175, 36.5990, 27.7293

Protanopia

34.9258, 36.8659, 31.6606

Deuteranopia

37.5258, 36.7545, 27.3068



Tritanopia

44.3362, 36.5513, 34.8553

Trichromacy



Original Color

42.8175, 36.5990, 27.7293

Protanomaly

37.1897, 36.2648, 30.2390

Deuteranomaly

39.2475, 36.6458, 27.5590

Tritanomaly

43.6260, 36.4720, 31.9346

Monochromacy



Original Color

42.8175, 36.5990, 27.7293

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.8268, 36.9772, 35.7155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8175, 36.5990, 27.7293 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(216, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 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(216, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 135) }
```

Border

The CSS property to change the border of an element to XYZ 42.8175, 36.5990, 27.7293 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(216, 145, 135) }
```


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

```
.border{ border-color:rgb(216, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8175, 36.5990, 27.7293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 135) }
```

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

```
.background{ background-color: rgb(216,  
145, 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](#).

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