

Converting Colors

XYZ(36.2355, 29.0145, 15.3710)

Have a look what the booklet for
XYZ(36.2355, 29.0145, 15.3710)
contains.

XYZ(36.1991, 28.9157, 15.4778)	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(36.1991, 28.9157,
15.4778)**

Conversions

Conversions Part 1

Format	Color
Hex	D37B63
RGB	211, 123, 99
RGB Percent	83%, 48%, 39%
CMY	0.1726, 0.5176, 0.6118
CMYK	0.00, 0.42, 0.53, 0.17
HSL	13°, 56%, 61%
HSV	13°, 53%, 83%
XYZ	36.1991, 28.9157, 15.4778
YIQ	146.5760, 60.1520, 11.1920

Conversions

Conversions Part 2

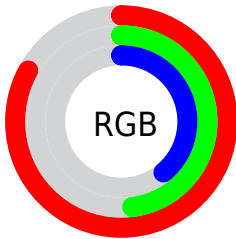
Format	Color
RYB	211, 130, 99
Decimal	13859683
CIELab	60.71, 31.79, 27.87
CIElCh	61, 42.284, 41.241
Yxy	28.9157, 0.4492, 0.3588
Android (android.graphics.Color)	4292049763 (0xFFD37B63)
YUV	146.5760, -23.4550, 56.4998
Hunter-Lab	53.7733, 26.0592, 20.5756

Details

The XYZ color **36.1991, 28.9157, 15.4778** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.6728, 42.8943, 68.0798**, and the grayscale version is **27.6352, 29.0744, 31.6620**.

A 20% lighter version of the original color is **62.2704, 54.5127, 36.0942**, and **16.1392, 11.7853, 4.6730** is the 20% darker color. If you saturate the color by 10%, you get **33.4338, 24.7941, 10.2128**, and if you desaturate by 10%, it is **39.5776, 33.8421, 22.2478**.

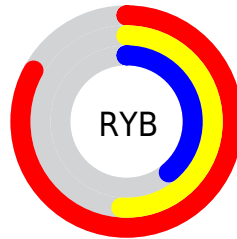
Distribution



Red (83%)

Green (48%)

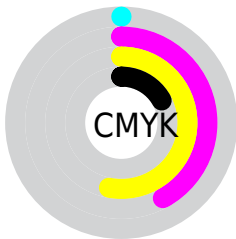
Blue (39%)



Red (83%)

Yellow (51%)

Blue (39%)

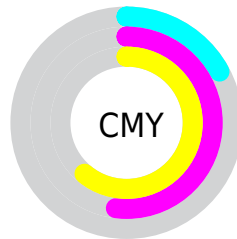


Cyan (0%)

Magenta (42%)

Yellow (53%)

Black (17%)



Cyan (17%)


Magenta (52%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1991, 28.9157, 15.4778 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 36.1991, 28.9157, 15.4778 by changing the saturation by 10% instead.


 36.1991, 28.9157,
15.4778


 36.1991, 28.9157,
15.4778


321.2460,
296.8170, 237.9798


 24.7588, 19.0171,
9.0051


 68.6611, 57.9431,
36.4433

 16.0252, 11.6826,
4.6476


 90.4136, 77.8407,
51.7732

 9.6330, 6.5279,
1.9869


 116.3341,
101.8400, 70.8925

 5.2167, 3.1687,
0.5472

 146.7882,
130.3255, 94.2198

 2.4110, 1.2204,
0.0000

182.1410,
163.6816, 122.1737

 0.8506, 0.0783,
0.0000

222.7580,

 0.0000, 0.0000,

202.2926, 155.1726

0.0000

269.0046,
246.5429, 193.6351

■ 36.1991, 28.9157,
15.4778

■ 36.1991, 28.9157,
15.4778

■ 33.4338, 24.7941,
10.2128

■ 39.5776, 33.8421,
22.2478

■ 31.2411, 21.4295,
6.3347

■ 43.6022, 39.6090,
30.6251

■ 29.5783, 18.7755,
3.7103

■ 48.3058, 46.2553,
40.7051

■ 28.3954, 16.7785,
2.1792

■ 53.7187, 53.8160,
52.5752

■ 27.8108, 15.7428,
1.5729

■ 59.8690, 62.3241,
66.3167

■ 66.7834, 71.8114,
82.0060

■ 74.4872, 82.3076,
99.7151

■ 80.6739, 92.5888,
108.2272

Harmonies

Analogous

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



39.1770, 28.9157, 25.9567



36.1991, 28.9157, 15.4778



31.0158, 28.9157, 10.6731

Triad

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



36.1991, 28.9157, 15.4778



18.6595, 28.9157, 22.7373



29.5907, 28.9157, 71.3619

Complementary

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



36.1991, 28.9157, 15.4778



34.6728, 42.8943, 68.0798

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.



24.2302, 28.9157, 69.6083



36.1991, 28.9157, 15.4778



18.3845, 28.9157, 37.7456

Square

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



36.1991, 28.9157, 15.4778



21.1019, 28.9157, 13.7986



20.2928, 28.9157, 55.8825



35.0371, 28.9157, 60.0880

Rectangle

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



36.1991, 28.9157, 15.4778



27.2557, 28.9157, 9.9153



20.2928, 28.9157, 55.8825



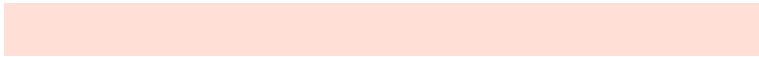
27.7126, 28.9157, 72.3539

Sweetspot

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



36.1998, 28.9172, 15.4783



79.7761, 78.8711, 74.7713



40.4678, 26.4295, 50.8853



16.7010, 16.3593, 15.1819



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.



36.1998, 28.9172, 15.4783



50.7239, 37.1510, 14.5768



44.9174, 46.3523, 18.3842



12.0112, 12.2131, 12.3363



16.8455, 9.6239, 0.9697



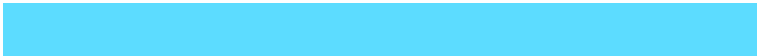
1.0014, 0.6571, 0.0741

Inverse Universe

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



34.6728, 42.8943, 68.0798



48.0424, 60.6824, 103.7885



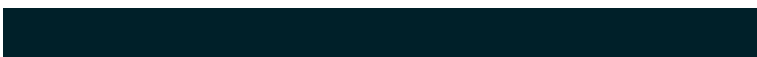
25.2365, 24.0218, 64.9344



11.9344, 12.9590, 15.1160



15.3781, 19.4027, 40.1271



0.9148, 1.1947, 2.2620

Previews

White Background



This preview shows how the XYZ color 36.1991, 28.9157, 15.4778 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 36.1991, 28.9157, 15.4778 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 36.1991, 28.9157, 15.4778

Background



This preview shows how black text looks on a background with the XYZ color 36.1991, 28.9157, 15.4778.



This preview shows how white text looks on a background with the XYZ color 36.1991, 28.9157,

15.4778.

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

36.1991, 28.9157, 15.4778

Protanopia

27.2946, 29.2407, 18.6734

Deuteranopia

29.6209, 28.9478, 15.0926



Tritanopia

37.9337, 28.8983, 24.0007

Trichromacy



Original Color

36.1991, 28.9157, 15.4778

Protanomaly

29.7697, 28.5440, 17.3051

Deuteranomaly

31.6690, 28.7321, 15.1860

Tritanomaly

37.0787, 28.7143, 20.4178

Monochromacy



Original Color

36.1991, 28.9157, 15.4778

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.6953, 28.3347, 25.0231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1991, 28.9157, 15.4778 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(211, 123, 99)` looks like.

```
.text, #text, p{  
    color:rgb(211, 123, 99)  
}
```

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(211, 123, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 123, 99) }
```

Border

The CSS property to change the border of an element to XYZ 36.1991, 28.9157, 15.4778 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(211, 123, 99) }
```


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

```
.border{ border-color:rgb(211, 123, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 123, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 123, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 123, 99);  
box-shadow:4px 4px 4px 4px rgb(211, 123,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1991, 28.9157, 15.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 123, 99) }
```

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

```
.background{ background-color: rgb(211,  
123, 99) }
```

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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