

Converting Colors

XYZ(42.6900, 36.2358, 36.6144)

Have a look what the booklet for
XYZ(42.6900, 36.2358, 36.6144)
contains.

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Color

**XYZ(42.7895, 36.3868,
36.6664)**

Conversions

Conversions Part 1

Format	Color
Hex	D2919D
RGB	210, 145, 157
RGB Percent	82%, 57%, 62%
CMY	0.1765, 0.4314, 0.3843
CMYK	0.00, 0.31, 0.25, 0.18
HSL	349°, 42%, 70%
HSV	349°, 31%, 82%
XYZ	42.7895, 36.3868, 36.6664
YIQ	165.8030, 34.8880, 17.5120

Conversions

Conversions Part 2

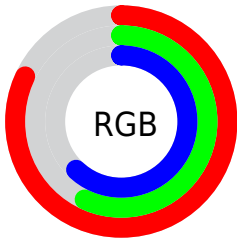
Format	Color
R _Y B	210, 145, 157
Decimal	13799837
CIE Lab	66.81, 26.25, 3.64
CIE LCh	67, 26.502, 7.892
Yxy	36.3868, 0.3694, 0.3141
Android (android.graphics.Color)	4291989917 (0xFFD2919D)
YUV	165.8030, -4.3399, 38.7608
Hunter-Lab	60.3215, 21.0578, 6.1856

Details

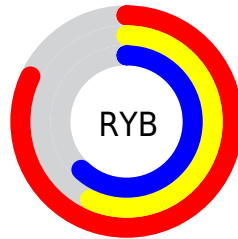
The XYZ color **42.7895, 36.3868, 36.6664** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9182, 56.1909, 61.9074**, and the grayscale version is **36.1598, 38.0429, 41.4287**.

A 20% lighter version of the original color is **73.4213, 66.8100, 70.6539**, and **19.9306, 15.9160, 15.6573** is the 20% darker color. If you saturate the color by 10%, you get **38.5113, 30.0082, 28.5257**, and if you desaturate by 10%, it is **47.8678, 44.0370, 46.0855**.

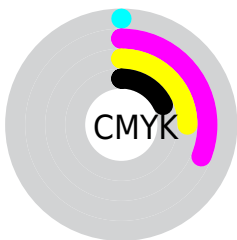
Distribution



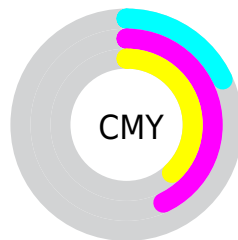
- Red (82%)
- Green (57%)
- Blue (62%)



- Red (82%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (18%)




- Cyan (18%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7895, 36.3868, 36.6664 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 42.7895, 36.3868, 36.6664 by changing the saturation by 10% instead.


 42.7895, 36.3868,
36.6664


 42.7895, 36.3868,
36.6664

348.6816,
330.6480, 346.9891

 29.9138, 24.7331,
24.6555


 78.6508, 69.6287,
71.2400

 19.9209, 15.8783,
15.6039


 102.3671, 91.9856,
94.6398

 12.4455, 9.4381,
9.0930


130.4277,
118.6791, 122.6730

 7.1222, 5.0280,
4.7043

163.1978,
150.0934, 155.7582

 3.5856, 2.2637,
2.0191

201.0429,
186.6131, 194.3138

 1.4705, 0.7544,
0.5670

244.3284,

 0.3056, 0.0000,

228.6225, 238.7585

0.0000

293.4195,
276.5060, 289.5107

■ 0.0000, 0.0000,
0.0000

■ 42.7895, 36.3868,
36.6664

■ 42.7895, 36.3868,
36.6664

■ 38.5113, 30.0082,
28.5257

■ 47.8678, 44.0370,
46.0855

■ 34.9888, 24.8271,
21.6058

■ 53.7813, 53.0173,
56.8331

■ 32.1783, 20.7700,
15.8476

■ 60.5668, 63.3886,
68.9589

■ 30.0298, 17.7527,
11.1863

■ 68.2579, 75.2068,
82.5096

■ 28.4869, 15.6794,
7.5504

■ 76.8864, 88.5246,
97.5298

■ 27.4832, 14.4363,
4.8596

■ 80.3884, 92.4416,
108.2138

■ 26.9406, 13.8465,
3.1512

Harmonies

Analogous

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



42.2234, 36.3868, 48.5151



42.7895, 36.3868, 36.6664



41.0267, 36.3868, 27.5556

Triad

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



42.7895, 36.3868, 36.6664



30.0660, 36.3868, 24.6349



31.7658, 36.3868, 63.7742

Complementary

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



42.7895, 36.3868, 36.6664



44.9182, 56.1909, 61.9074

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.



28.8548, 36.3868, 54.7716



42.7895, 36.3868, 36.6664



27.9275, 36.3868, 31.8829

Square

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



42.7895, 36.3868, 36.6664



33.5376, 36.3868, 21.5384



27.5019, 36.3868, 42.7261



35.6531, 36.3868, 65.7347

Rectangle

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



42.7895, 36.3868, 36.6664



38.8425, 36.3868, 23.7163



27.5019, 36.3868, 42.7261



30.6497, 36.3868, 61.3976

Sweetspot

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



42.7905, 36.3885, 36.6671



85.2926, 85.0741, 91.5002



44.7854, 36.7761, 65.7109



17.9414, 17.7295, 19.0189



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.



42.7905, 36.3885, 36.6671



61.9660, 49.8445, 48.5078



45.0554, 42.4778, 32.6147



11.8966, 11.8434, 12.7312



16.4605, 8.4571, 2.0654



0.9477, 0.4838, 0.2597

Inverse Universe

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



42.7905, 36.3885, 36.6671



61.9660, 49.8445, 48.5078



41.8332, 47.7180, 67.9784



11.8966, 11.8434, 12.7312



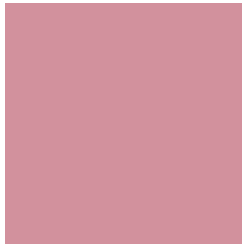
16.4605, 8.4571, 2.0654



0.9477, 0.4838, 0.2597

Previews

White Background



This preview shows how the XYZ color 42.7895, 36.3868, 36.6664 looks on a white background.

Color Contrast Check

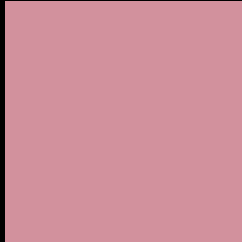
Large Text (above 18pt) WCAG AA × Fail

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 42.7895, 36.3868, 36.6664 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 42.7895, 36.3868, 36.6664

Background



This preview shows how black text looks on a background with the XYZ color 42.7895, 36.3868, 36.6664.



This preview shows how white text looks on a background with the XYZ color 42.7895, 36.3868,

36.6664.

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

42.7895, 36.3868, 36.6664

Protanopia

35.4124, 36.6300, 41.7631

Deuteranopia

37.2648, 36.4256, 36.0771



Tritanopia

42.7045, 36.3527, 36.2185

Trichromacy



Original Color

42.7895, 36.3868, 36.6664

Protanomaly

37.5554, 36.2450, 39.6669

Deuteranomaly

39.1302, 36.3892, 36.4139

Tritanomaly

42.7045, 36.3527, 36.2185

Monochromacy



Original Color

42.7895, 36.3868, 36.6664

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.1291, 37.0431, 39.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7895, 36.3868, 36.6664 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, 145, 157)` looks like.

```
.text, #text, p{  
    color:rgb(210, 145, 157)  
}
```

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, 145, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 145, 157) }
```

Border

The CSS property to change the border of an element to XYZ 42.7895, 36.3868, 36.6664 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, 145, 157) }
```


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

```
.border{ border-color:rgb(210, 145, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 145, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 145, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 145, 157);  
box-shadow:4px 4px 4px 4px rgb(210, 145,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7895, 36.3868, 36.6664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 145, 157) }
```

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

```
.background{ background-color: rgb(210,  
145, 157) }
```

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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