

Converting Colors

XYZ(42.7876, 36.1353, 38.8088)

Have a look what the booklet for
XYZ(42.7876, 36.1353, 38.8088)
contains.

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Color

**XYZ(42.7893, 36.1105,
38.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	D190A2
RGB	209, 144, 162
RGB Percent	82%, 56%, 64%
CMY	0.1804, 0.4353, 0.3647
CMYK	0.00, 0.31, 0.22, 0.18
HSL	343°, 41%, 69%
HSV	343°, 31%, 82%
XYZ	42.7893, 36.1105, 38.8972
YIQ	165.4870, 32.9620, 19.3780

Conversions

Conversions Part 2

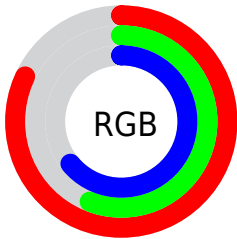
Format	Color
R _{YB}	209, 144, 162
Decimal	13734050
CIE Lab	66.60, 27.16, 0.51
CIE LCh	67, 27.161, 1.076
Yxy	36.1105, 0.3632, 0.3065
Android (android.graphics.Color)	4291924130 (0xFFD190A2)
YUV	165.4870, -1.7191, 38.1609
Hunter-Lab	60.0920, 21.9422, 3.6863

Details

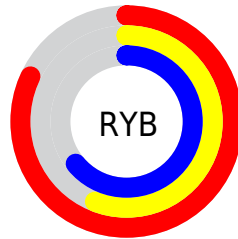
The XYZ color **42.7893, 36.1105, 38.8972** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7076, 55.2926, 57.6618**, and the grayscale version is **35.9959, 37.8705, 41.2410**.

A 20% lighter version of the original color is **73.9585, 66.6579, 74.6139**, and **19.8657, 15.7268, 16.7404** is the 20% darker color. If you saturate the color by 10%, you get **38.6482, 29.8505, 31.2823**, and if you desaturate by 10%, it is **47.6799, 43.6104, 47.5594**.

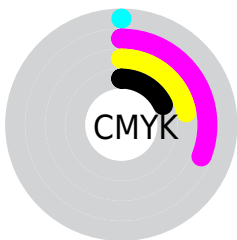
Distribution



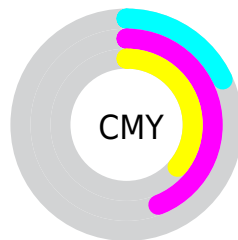
- Red (82%)
- Green (56%)
- Blue (64%)



- Red (82%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7893, 36.1105, 38.8972 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 42.7893, 36.1105, 38.8972 by changing the saturation by 10% instead.


 42.7893, 36.1105,
38.8972

 42.7893, 36.1105,
38.8972


348.6808,
329.4433, 356.8661

 29.9136, 24.5196,
26.3725


 78.6505, 69.2026,
74.6999

 19.9208, 15.7195,
16.8743

 102.3668, 91.4725,
98.8149

 12.4454, 9.3259,
9.9839


130.4273,
118.0709, 127.6306

 7.1221, 4.9543,
5.2828

163.1973,
149.3821, 161.5653

 3.5856, 2.2205,
2.3525

201.0424,
185.7905, 201.0377

 1.4705, 0.7311,
0.7604

244.3277,

 0.3056, 0.0000,

227.6806, 246.4663

0.0000

293.4187,
275.4367, 298.2696

■ 0.0000, 0.0000,
0.0000

■ 42.7893, 36.1105,
38.8972

■ 42.7893, 36.1105,
38.8972

■ 38.6482, 29.8505,
31.2823

■ 47.6799, 43.6104,
47.5594

■ 35.2156, 24.7583,
24.6717

■ 53.3522, 52.4071,
57.3051

■ 32.4507, 20.7621,
19.0225

■ 59.8403, 62.5601,
68.1716

■ 30.3076, 17.7801,
14.2876

■ 67.1753, 74.1237,
80.1936

■ 28.7340, 15.7187,
10.4157

■ 75.3867, 87.1491,
93.4043

■ 27.6685, 14.4669,
7.3495

■ 79.7333, 92.1469,
106.2458

■ 27.0549, 13.8595,
5.2345

■ 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



41.6660, 36.1105, 51.2321



42.7893, 36.1105, 38.8972



41.4983, 36.1105, 28.8124

Triad

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



42.7893, 36.1105, 38.8972



30.4251, 36.1105, 23.0274



30.6616, 36.1105, 62.4765

Complementary

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



42.7893, 36.1105, 38.8972



43.7076, 55.2926, 57.6618

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.



28.0246, 36.1105, 52.1101



42.7893, 36.1105, 38.8972



27.8959, 36.1105, 29.4113

Square

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



42.7893, 36.1105, 38.8972



34.1746, 36.1105, 20.8432



27.0525, 36.1105, 39.7422



34.4697, 36.1105, 66.3701

Rectangle

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



42.7893, 36.1105, 38.8972



39.4971, 36.1105, 24.2857



27.0525, 36.1105, 39.7422



29.6198, 36.1105, 59.5437

Sweetspot

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



42.7903, 36.1122, 38.8979



85.6028, 85.1982, 93.1339



42.8644, 35.5743, 64.9290



18.0173, 17.7598, 19.4186



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.



42.7903, 36.1122, 38.8979



62.8692, 50.2057, 53.2637



43.5708, 40.0528, 31.8223



11.9413, 11.8613, 12.9668



16.7174, 8.5598, 3.4181



0.9686, 0.4922, 0.3696

Inverse Universe

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



42.7903, 36.1122, 38.8979



62.8692, 50.2057, 53.2637



42.5079, 49.5267, 67.6409



11.9413, 11.8613, 12.9668



16.7174, 8.5598, 3.4181



0.9686, 0.4922, 0.3696

Previews

White Background



This preview shows how the XYZ color 42.7893, 36.1105, 38.8972 looks on a white background.

Color Contrast Check

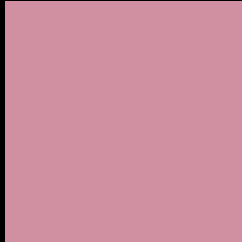
Large Text (above 18pt) WCAG AA × Fail

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 42.7893, 36.1105, 38.8972 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 42.7893, 36.1105, 38.8972

Background



This preview shows how black text looks on a background with the XYZ color 42.7893, 36.1105, 38.8972.



This preview shows how white text looks on a background with the XYZ color 42.7893, 36.1105,

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

42.7893, 36.1105, 38.8972

Protanopia

35.0916, 36.1497, 44.1578

Deuteranopia

36.9925, 36.2357, 38.3022



Tritanopia

42.1386, 36.0610, 36.1920

Trichromacy



Original Color

42.7893, 36.1105, 38.8972

Protanomaly

37.3796, 35.8535, 41.9961

Deuteranomaly

38.8965, 35.9768, 38.6124

Tritanomaly

42.3094, 36.1293, 37.0915

Monochromacy



Original Color

42.7893, 36.1105, 38.8972

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.8139, 36.6180, 40.1969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7893, 36.1105, 38.8972 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(209, 144, 162)` looks like.

```
.text, #text, p{  
    color:rgb(209, 144, 162)  
}
```

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(209, 144, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 144, 162) }
```

Border

The CSS property to change the border of an element to XYZ 42.7893, 36.1105, 38.8972 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(209, 144, 162) }
```


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

```
.border{ border-color:rgb(209, 144, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 144, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 144, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 144, 162);  
box-shadow:4px 4px 4px 4px rgb(209, 144,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7893, 36.1105, 38.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 144, 162) }
```

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

```
.background{ background-color: rgb(209,  
144, 162) }
```

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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