

Converting Colors

XYZ(35.6903, 30.6790, 30.4261)

Have a look what the booklet for
XYZ(35.6903, 30.6790, 30.4261)
contains.

XYZ(35.6903, 30.6790, 30.4261)	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(35.6903, 30.6790,
30.4261)**

Conversions

Conversions Part 1

Format	Color
Hex	C18790
RGB	193, 135, 144
RGB Percent	76%, 53%, 56%
CMY	0.2431, 0.4706, 0.4353
CMYK	0.00, 0.30, 0.25, 0.24
HSL	351°, 32%, 64%
HSV	351°, 30%, 76%
XYZ	35.6903, 30.6790, 30.4261
YIQ	153.3680, 31.6790, 15.0950

Conversions

Conversions Part 2

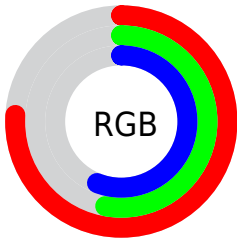
Format	Color
RYB	193, 135, 144
Decimal	12683152
CIELab	62.24, 23.50, 4.13
CIELCh	62, 23.861, 9.977
Yxy	30.6790, 0.3687, 0.3169
Android (android.graphics.Color)	4290873232 (0xFFC18790)
YUV	153.3680, -4.6184, 34.7573
Hunter-Lab	55.3886, 18.0884, 6.2028

Details

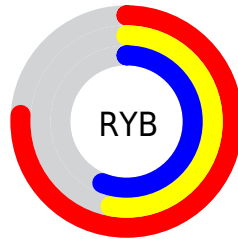
The XYZ color **35.6903, 30.6790, 30.4261** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7146, 46.7522, 52.3860**, and the grayscale version is **30.4492, 32.0349, 34.8860**.

A 20% lighter version of the original color is **67.8150, 60.7964, 61.5867**, and **15.7501, 12.7084, 12.2125** is the 20% darker color. If you saturate the color by 10%, you get **32.0800, 25.3108, 23.5115**, and if you desaturate by 10%, it is **39.9704, 37.0983, 38.4528**.

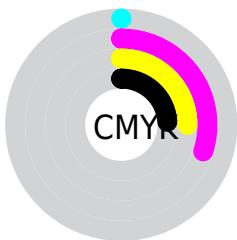
Distribution



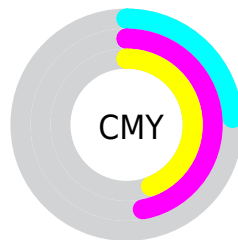
- Red (76%)
- Green (53%)
- Blue (56%)



- Red (76%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6903, 30.6790, 30.4261 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 35.6903, 30.6790, 30.4261 by changing the saturation by 10% instead.


 35.6903, 30.6790,
30.4261


 35.6903, 30.6790,
30.4261


319.0598,
305.0567, 318.1545


 24.3641, 20.3545,
19.9074


 67.8808, 60.7343,
61.4043

 15.7301, 12.6530,
12.1444


 89.4758, 81.2340,
82.7010

 9.4230, 7.1901,
6.7183


 115.2244,
105.8942, 108.4274

 5.0774, 3.5812,
3.2108

145.4921,
135.0993, 139.0021

 2.3280, 1.4422,
1.2033

180.6441,
169.2337, 174.8436

 0.8089, 0.2475,
0.0000

221.0458,

 0.0000, 0.0000,

208.6818, 216.3705

0.0000

267.0626,
253.8280, 264.0013

■ 35.6903, 30.6790,
30.4261

■ 35.6903, 30.6790,
30.4261

■ 32.0800, 25.3108,
23.5115

■ 39.9704, 37.0983,
38.4528

■ 29.1030, 20.9336,
17.6580

■ 44.9495, 44.6161,
47.6359

■ 26.7229, 17.4876,
12.8131

■ 50.6580, 53.2821,
58.0196

■ 24.8987, 14.9052,
8.9191

■ 57.1238, 63.1417,
69.6452

■ 23.5842, 13.1092,
5.9126

■ 64.3732, 74.2378,
82.5519

■ 22.7251, 12.0087,
3.7219

■ 72.4314, 86.6112,
96.7774

■ 22.2259, 11.4309,
2.2591

■ 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



35.3703, 30.6790, 39.8489



35.6903, 30.6790, 30.4261



34.1645, 30.6790, 23.2603

Triad

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



35.6903, 30.6790, 30.4261



25.3607, 30.6790, 21.5782



27.0911, 30.6790, 52.9812

Complementary

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



35.6903, 30.6790, 30.4261



37.7146, 46.7522, 52.3860

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.



24.6688, 30.6790, 46.1369



35.6903, 30.6790, 30.4261



23.7219, 30.6790, 27.6948

Square

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



35.6903, 30.6790, 30.4261



28.1002, 30.6790, 18.8104



23.4783, 30.6790, 36.5706



30.2451, 30.6790, 54.0814

Rectangle

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



35.6903, 30.6790, 30.4261



32.3674, 30.6790, 20.2865



23.4783, 30.6790, 36.5706



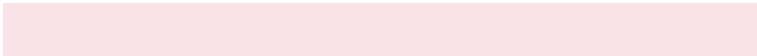
26.1708, 30.6790, 51.2234

Sweetspot

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



35.6911, 30.6804, 30.4267



81.3790, 81.2314, 86.9157



37.8984, 31.2879, 54.4939



17.1567, 16.9699, 18.0938



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.6911, 30.6804, 30.4267



59.5776, 48.4767, 46.2055



37.9771, 36.3094, 27.9303



10.1355, 10.1028, 10.8040



14.8021, 7.6106, 1.6040



0.6602, 0.3371, 0.1779

Inverse Universe

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



35.6911, 30.6804, 30.4267



59.5776, 48.4767, 46.2055



34.6902, 39.1457, 56.1797



10.1355, 10.1028, 10.8040



14.8021, 7.6106, 1.6040



0.6602, 0.3371, 0.1779

Previews

White Background



This preview shows how the XYZ color 35.6903, 30.6790, 30.4261 looks on a white background.

Color Contrast Check

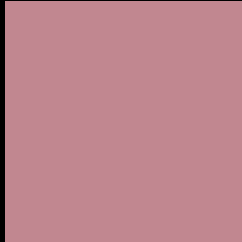
Large Text (above 18pt) WCAG AA × Fail

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 35.6903, 30.6790, 30.4261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

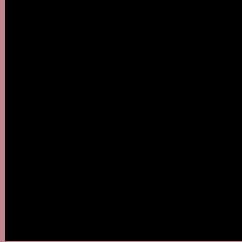
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6903, 30.6790, 30.4261

Background



This preview shows how black text looks on a background with the XYZ color 35.6903, 30.6790, 30.4261.

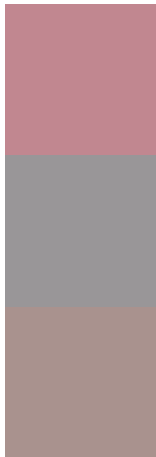


This preview shows how white text looks on a background with the XYZ color 35.6903, 30.6790,

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

35.6903, 30.6790, 30.4261

Protanopia

29.7107, 30.8520, 34.0949

Deuteranopia

31.5236, 30.9458, 29.9028



Tritanopia

35.7671, 30.7097, 30.8305

Trichromacy



Original Color

35.6903, 30.6790, 30.4261

Protanomaly

31.6987, 30.7456, 32.6976

Deuteranomaly

32.9910, 30.7941, 30.1917

Tritanomaly

35.7671, 30.7097, 30.8305

Monochromacy



Original Color

35.6903, 30.6790, 30.4261

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.9324, 31.0846, 33.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6903, 30.6790, 30.4261 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(193, 135, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 135, 144)  
}
```

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(193, 135, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 135, 144) }
```

Border

The CSS property to change the border of an element to XYZ 35.6903, 30.6790, 30.4261 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(193, 135, 144) }
```


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

```
.border{ border-color:rgb(193, 135, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 135, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 135, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 135, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 135,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6903, 30.6790, 30.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 135, 144) }
```

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

```
.background{ background-color: rgb(193,  
135, 144) }
```

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