

# Converting Colors

XYZ(35.1793, 29.2921, 26.3540)

Have a look what the booklet for  
XYZ(35.1793, 29.2921, 26.3540)  
contains.

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# Color

**XYZ(35.1793, 29.2921,  
26.3540)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C58186
RGB	197, 129, 134
RGB Percent	77%, 51%, 53%
CMY	0.2275, 0.4941, 0.4745
CMYK	0.00, 0.35, 0.32, 0.23
HSL	356°, 37%, 64%
HSV	356°, 35%, 77%
XYZ	35.1793, 29.2921, 26.3540
YIQ	149.9020, 38.9230, 15.9710

# Conversions

## Conversions Part 2

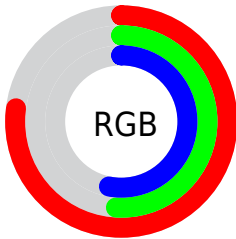
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 129, 134
Decimal	12943750
CIELab	61.04, 26.93, 8.18
CIELCh	61, 28.147, 16.905
Yxy	29.2921, 0.3873, 0.3225
Android (android.graphics.Color)	4291133830 (0xFFC58186)
YUV	149.9020, -7.8397, 41.3049
Hunter-Lab	54.1222, 21.3108, 9.0151

# Details

The XYZ color **35.1793, 29.2921, 26.3540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5353, 48.4061, 57.1842**, and the grayscale version is **28.9692, 30.4779, 33.1904**.

A 20% lighter version of the original color is **67.1431, 58.7148, 54.8080**, and **15.4202, 11.9106, 10.0806** is the 20% darker color. If you saturate the color by 10%, you get **31.6650, 24.1280, 19.4345**, and if you desaturate by 10%, it is **39.4152, 35.5474, 34.5987**.

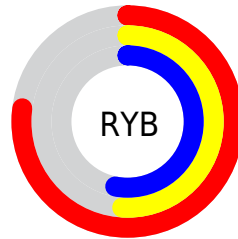
# Distribution



Red (77%)

Green (51%)

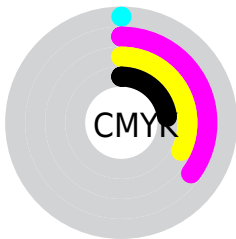
Blue (53%)



Red (77%)

Yellow (51%)

Blue (53%)

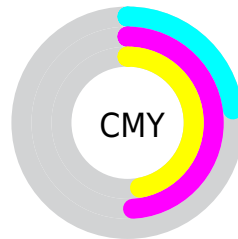


Cyan (0%)

Magenta (35%)

Yellow (32%)

Black (23%)



Cyan (23%)

Magenta (49%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1793, 29.2921, 26.3540 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 35.1793, 29.2921, 26.3540 by changing the saturation by 10% instead.





 35.1793, 29.2921,  
26.3540


 35.1793, 29.2921,  
26.3540


316.8532,  
298.5907, 298.1761


 23.9682, 19.3019,  
16.8605

 67.0956, 58.5409,  
54.8366

 15.4346, 11.8886,  
9.9742

 88.5316, 78.5682,  
74.6627

 9.2133, 6.6679,  
5.2765


 114.1065,  
102.7101, 98.7702

 4.9388, 3.2553,  
2.3488

144.1857,  
131.3508, 127.5775

 2.2458, 1.2664,  
0.7584

179.1347,  
164.8748, 161.5032

 0.7667, 0.1150,  
0.0000

219.3187,

 0.0000, 0.0000,

203.6666, 200.9659

0.0000

265.1031,  
248.1104, 246.3840

■ 35.1793, 29.2921,  
26.3540

■ 35.1793, 29.2921,  
26.3540

■ 31.6650, 24.1280,  
19.4345

■ 39.4152, 35.5474,  
34.5987

■ 28.8298, 19.9886,  
13.7695

■ 44.4073, 42.9470,  
44.2308

■ 26.6304, 16.8069,  
9.2840

■ 50.1909, 51.5455,  
55.3109

■ 25.0174, 14.5059,  
5.8948

■ 56.7983, 61.3928,  
67.8953

■ 23.9344, 12.9972,  
3.5075

■ 64.2602, 72.5361,  
82.0373

■ 23.3134, 12.1732,  
2.0117

■ 72.6055, 85.0199,  
97.7876

■ 23.1085, 11.9033,  
1.5121

■ 76.8360, 90.6103,  
108.0476

# Harmonies

## Analogous

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



35.3219, 29.2921, 36.7120



35.1793, 29.2921, 26.3540



32.9637, 29.2921, 19.2611

# Triad

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



35.1793, 29.2921, 26.3540



22.9849, 29.2921, 19.9502



26.2678, 29.2921, 55.9993

# Complementary

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



35.1793, 29.2921, 26.3540



38.5353, 48.4061, 57.1842

# 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.



23.2790, 29.2921, 49.1093



35.1793, 29.2921, 26.3540



21.4992, 29.2921, 27.5173

# Square

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



35.1793, 29.2921, 26.3540



25.8329, 29.2921, 16.1619



21.6019, 29.2921, 38.1609



29.9511, 29.2921, 55.4930



# Rectangle

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



35.1793, 29.2921, 26.3540



30.7117, 29.2921, 16.6425



21.6019, 29.2921, 38.1609



25.1555, 29.2921, 54.4168

# Sweetspot

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



35.1801, 29.2935, 26.3546



83.8745, 83.3664, 87.5488



39.4990, 30.8529, 56.6968



17.6422, 17.3826, 18.1439



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.



35.1801, 29.2935, 26.3546



58.4011, 45.6897, 38.1479



39.1028, 37.6834, 25.9834



10.6650, 10.6494, 11.2190



15.2115, 7.8342, 1.0579



0.7315, 0.3754, 0.1092



# Inverse Universe

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



35.1801, 29.2935, 26.3546



58.4011, 45.6897, 38.1479



33.2586, 36.9517, 58.2029



10.6650, 10.6494, 11.2190



15.2115, 7.8342, 1.0579

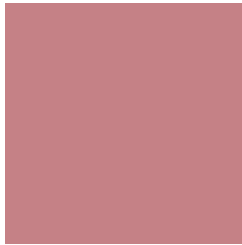


0.7315, 0.3754, 0.1092



# Previews

## White Background



This preview shows how the XYZ color 35.1793, 29.2921, 26.3540 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 35.1793, 29.2921, 26.3540 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 35.1793, 29.2921, 26.3540**

## **Background**



This preview shows how black text looks on a background with the XYZ color 35.1793, 29.2921, 26.3540.



This preview shows how white text looks on a background with the XYZ color 35.1793, 29.2921,



# 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

35.1793, 29.2921, 26.3540

### Protanopia

28.2303, 29.4604, 30.5841

### Deuteranopia

29.9863, 29.3368, 25.9119



## Tritanopia

35.3326, 29.1436, 27.8078

# Trichromacy



## Original Color

35.1793, 29.2921, 26.3540

## Protanomaly

30.2602, 28.9744, 28.8087

## Deuteranomaly

31.7697, 29.1685, 26.1459

## Tritanomaly

35.2605, 29.1148, 27.4282

# Monochromacy



## Original Color

35.1793, 29.2921, 26.3540

## Achromatopsia

28.9890, 30.4987, 33.2131

## Achromatomaly

30.6434, 29.5751, 30.4790

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 35.1793, 29.2921, 26.3540 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(197, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 134)  
}
```

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(197, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 134) }
```

## Border

The CSS property to change the border of an element to XYZ 35.1793, 29.2921, 26.3540 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(197, 129, 134) }
```



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

```
.border{ border-color:rgb(197, 129, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 129, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
134) }
```

# Background

The CSS property to change the background color of an element to XYZ 35.1793, 29.2921, 26.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 134) }
```

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

```
.background{ background-color: rgb(197,  
129, 134) }
```

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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