

Converting Colors

XYZ(35.8489, 32.4760, 30.7755)

Have a look what the booklet for
XYZ(35.8489, 32.4760, 30.7755)
contains.

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Color

**XYZ(35.8428, 32.4774,
30.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8F90
RGB	189, 143, 144
RGB Percent	74%, 56%, 56%
CMY	0.2588, 0.4392, 0.4353
CMYK	0.00, 0.24, 0.24, 0.26
HSL	359°, 26%, 65%
HSV	359°, 24%, 74%
XYZ	35.8428, 32.4774, 30.7652
YIQ	156.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

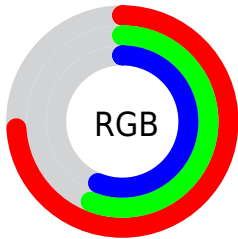
Format	Color
RYB	189, 143, 144
Decimal	12423056
CIELab	63.74, 17.55, 6.24
CIElCh	64, 18.624, 19.563
Yxy	32.4774, 0.3617, 0.3278
Android (android.graphics.Color)	4290613136 (0xFFBD8F90)
YUV	156.8680, -6.3439, 28.1798
Hunter-Lab	56.9889, 12.5357, 7.8848

Details

The XYZ color **35.8428, 32.4774, 30.7652** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6038, 45.8665, 54.3978**, and the grayscale version is **32.0083, 33.6753, 36.6724**.

A 20% lighter version of the original color is **68.1653, 63.6026, 62.1099**, and **15.8392, 13.6133, 12.3825** is the 20% darker color. If you saturate the color by 10%, you get **31.9415, 26.7542, 23.0540**, and if you desaturate by 10%, it is **40.4554, 39.2522, 39.8563**.

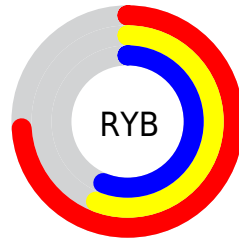
Distribution



Red (74%)

Green (56%)

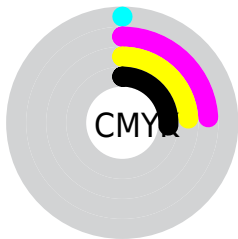
Blue (56%)



Red (74%)

Yellow (56%)

Blue (56%)

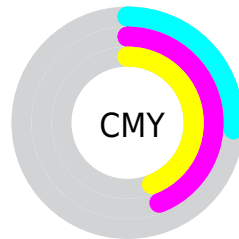


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8428, 32.4774, 30.7652 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 35.8428, 32.4774, 30.7652 by changing the saturation by 10% instead.


 35.8428, 32.4774,
30.7652


 35.8428, 32.4774,
30.7652


319.7162,
313.2883, 319.7728

 24.4824, 21.7264,
20.1632


 68.1148, 63.5588,
61.9455

 15.8185, 13.6560,
12.3284


 89.7571, 84.6579,
83.3607

 9.4858, 7.8818,
6.8425


115.5574,
109.9752, 109.2175

 5.1190, 4.0194,
3.2869

145.8810,
139.8951, 139.9343

 2.3528, 1.6844,
1.2429

181.0934,
174.8020, 175.9297

 0.8215, 0.4135,
0.0143

221.5598,

 0.0000, 0.0000,

215.0802, 217.6222

0.0000

267.6456,
261.1141, 265.4304

■ 35.8428, 32.4774,
30.7652

■ 35.8428, 32.4774,
30.7652

■ 31.9415, 26.7542,
23.0540

■ 40.4554, 39.2522,
39.8563

■ 28.7137, 22.0257,
16.6534

■ 45.8093, 47.1228,
50.3878

■ 26.1220, 18.2366,
11.4910

■ 51.9362, 56.1364,
62.4194

■ 24.1244, 15.3241,
7.4870

■ 58.8651, 66.3361,
76.0065

■ 22.6738, 13.2182,
4.5520

■ 66.6235, 77.7627,
91.2019

■ 21.7160, 11.8377,
2.5834

■ 74.7876, 89.5553,
107.9057

■ 21.1858, 11.0848,
1.4588

■ 74.7964, 89.5589,
107.9521

■ 21.0088, 10.8278,
1.1002

Harmonies

Analogous

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



36.0716, 32.4774, 38.0303



35.8428, 32.4774, 30.7652



34.2394, 32.4774, 25.5130

Triad

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



35.8428, 32.4774, 30.7652



27.2048, 32.4774, 26.8358



29.9686, 32.4774, 51.4628

Complementary

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



35.8428, 32.4774, 30.7652



38.6038, 45.8665, 54.3978

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.



27.7270, 32.4774, 47.4674



35.8428, 32.4774, 30.7652



26.1920, 32.4774, 32.8222

Square

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



35.8428, 32.4774, 30.7652



29.2188, 32.4774, 23.4755



26.3777, 32.4774, 40.3961



32.5797, 32.4774, 50.7065

Rectangle

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



35.8428, 32.4774, 30.7652



32.6544, 32.4774, 23.5326



26.3777, 32.4774, 40.3961



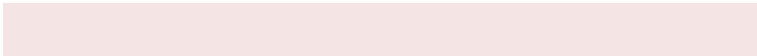
29.1495, 32.4774, 50.6112

Sweetspot

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



35.8437, 32.4789, 30.7659



79.2460, 80.2820, 84.7436



39.6166, 33.9443, 52.6083



16.9148, 17.0780, 17.9746



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.8437, 32.4789, 30.7659



60.4573, 52.6832, 47.7181



39.3043, 39.5215, 31.5454



9.5383, 9.5396, 9.9578



14.1390, 7.2868, 0.7596



0.5567, 0.2866, 0.0450

Inverse Universe

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



35.8437, 32.4789, 30.7659



60.4573, 52.6832, 47.7181



34.4310, 37.3484, 53.5386



9.5383, 9.5396, 9.9578



14.1390, 7.2868, 0.7596



0.5567, 0.2866, 0.0450

Previews

White Background



This preview shows how the XYZ color 35.8428, 32.4774, 30.7652 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 35.8428, 32.4774, 30.7652 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 35.8428, 32.4774, 30.7652

Background



This preview shows how black text looks on a background with the XYZ color 35.8428, 32.4774, 30.7652.



This preview shows how white text looks on a background with the XYZ color 35.8428, 32.4774,

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

35.8428, 32.4774, 30.7652

Protanopia

31.1612, 32.5823, 33.5008

Deuteranopia

33.1609, 32.4767, 30.5075



Tritanopia

36.6580, 32.5931, 34.4960

Trichromacy



Original Color

35.8428, 32.4774, 30.7652

Protanomaly

32.6138, 32.3858, 32.5491

Deuteranomaly

33.9820, 32.4343, 30.4560

Tritanomaly

36.4132, 32.4952, 33.2072

Monochromacy



Original Color

35.8428, 32.4774, 30.7652

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.2579, 33.1585, 34.3531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8428, 32.4774, 30.7652 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(189, 143, 144)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 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(189, 143, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 144) }
```

Border

The CSS property to change the border of an element to XYZ 35.8428, 32.4774, 30.7652 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(189, 143, 144) }
```


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

```
.border{ border-color:rgb(189, 143, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 143, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 144);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8428, 32.4774, 30.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 144) }
```

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

```
.background{ background-color: rgb(189,  
143, 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](#).

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