

Converting Colors

XYZ(35.4746, 32.8919, 27.4561)

Have a look what the booklet for
XYZ(35.4746, 32.8919, 27.4561)
contains.

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Color

**XYZ(35.4848, 32.8189,
27.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9187
RGB	189, 145, 135
RGB Percent	74%, 57%, 53%
CMY	0.2588, 0.4314, 0.4706
CMYK	0.00, 0.23, 0.29, 0.26
HSL	11°, 29%, 64%
HSV	11°, 29%, 74%
XYZ	35.4848, 32.8189, 27.3861
YIQ	157.0160, 29.4340, 6.2180

Conversions

Conversions Part 2

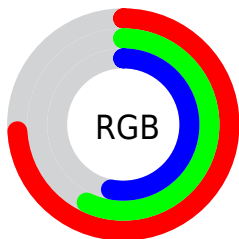
Format	Color
R _Y B	189, 147, 135
Decimal	12423559
CIE Lab	64.01, 15.14, 11.71
CIE LCh	64, 19.140, 37.714
Yxy	32.8189, 0.3708, 0.3430
Android (android.graphics.Color)	4290613639 (0xFFBD9187)
YUV	157.0160, -10.8539, 28.0500
Hunter-Lab	57.2878, 10.3116, 11.7582

Details

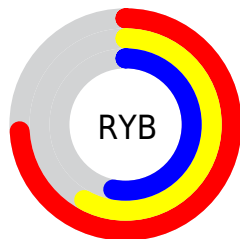
The XYZ color **35.4848, 32.8189, 27.3861** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2965, 41.0638, 54.2099**, and the grayscale version is **32.0938, 33.7651, 36.7702**.

A 20% lighter version of the original color is **67.5066, 64.0705, 56.3858**, and **15.6341, 13.8122, 10.4363** is the 20% darker color. If you saturate the color by 10%, you get **32.0749, 27.9429, 20.2568**, and if you desaturate by 10%, it is **39.4516, 38.4304, 35.8672**.

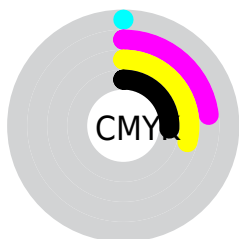
Distribution



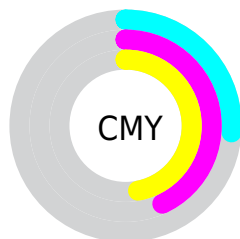
- Red (74%)
- Green (57%)
- Blue (53%)



- Red (74%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4848, 32.8189, 27.3861 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 35.4848, 32.8189, 27.3861 by changing the saturation by 10% instead.


 35.4848, 32.8189,
27.3861


 35.4848, 32.8189,
27.3861


318.1737,
314.8329, 303.3408


 24.2048, 21.9877,
17.6284


 67.5652, 64.0927,
56.5141

 15.6112, 13.8479,
10.5169


 89.0964, 85.3041,
76.7214

 9.3385, 8.0150,
5.6329


 114.7753,
110.7444, 101.2491

 5.0215, 4.1045,
2.5580

144.9673,
140.7980, 130.5156

 2.2948, 1.7322,
0.8707

180.0378,
175.8492, 164.9395

 0.7920, 0.4444,
0.0000

220.3521,

 0.0000, 0.0000,

216.2825, 204.9393

0.0000

266.2757,
262.4823, 250.9335

■ 35.4848, 32.8189,
27.3861

■ 35.4848, 32.8189,
27.3861

■ 32.0749, 27.9429,
20.2568

■ 39.4516, 38.4304,
35.8672

■ 29.1941, 23.7672,
14.4073

■ 43.9964, 44.8014,
45.7630

■ 26.8160, 20.2608,
9.7618

■ 49.1422, 51.9606,
57.1350

■ 24.9109, 17.3883,
6.2358

■ 54.9100, 59.9337,
70.0405

■ 23.4457, 15.1111,
3.7335

■ 61.3199, 68.7454,
84.5334

■ 22.3828, 13.3863,
2.1432

■ 68.3910, 78.4193,
100.6654

■ 21.6693, 12.1613,
1.2828

■ 74.0969, 88.1600,
107.7190

■ 21.5877, 12.0217,
1.1826

■ 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



36.6280, 32.8189, 33.7747



35.4848, 32.8189, 27.3861



33.2047, 32.8189, 23.6628

Triad

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



35.4848, 32.8189, 27.3861



26.6304, 32.8189, 30.3852



31.8957, 32.8189, 52.5926

Complementary

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



35.4848, 32.8189, 27.3861



35.2965, 41.0638, 54.2099

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.



29.2650, 32.8189, 51.3392



35.4848, 32.8189, 27.3861



26.3248, 32.8189, 37.7680

Square

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



35.4848, 32.8189, 27.3861



28.1231, 32.8189, 25.2122



27.2627, 32.8189, 45.6267



34.4794, 32.8189, 48.8390

Rectangle

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



35.4848, 32.8189, 27.3861



31.4010, 32.8189, 22.8375



27.2627, 32.8189, 45.6267



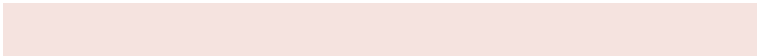
30.9867, 32.8189, 52.7515

Sweetspot

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



35.4857, 32.8204, 27.3868



78.3024, 79.5477, 80.8754



37.7972, 31.4058, 46.7708



16.5712, 16.7326, 16.8063



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.



35.4857, 32.8204, 27.3868



59.7894, 53.4092, 41.1392



40.0931, 42.0352, 28.9226



9.6694, 9.8147, 9.9614



14.5667, 8.1722, 0.8096



0.6146, 0.4082, 0.0464

Inverse Universe

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



35.2965, 41.0638, 54.2099



59.3883, 70.4660, 96.6974



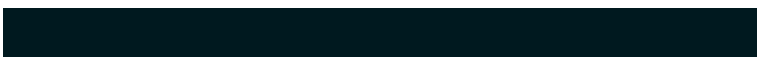
30.4218, 31.3143, 52.5850



9.6542, 10.5008, 12.1902



14.0055, 18.1227, 35.1528



0.5882, 0.7891, 1.3902

Previews

White Background



This preview shows how the XYZ color 35.4848, 32.8189, 27.3861 looks on a white background.

Color Contrast Check

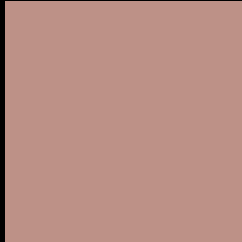
Large Text (above 18pt) WCAG AA × Fail

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 35.4848, 32.8189, 27.3861 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 35.4848, 32.8189, 27.3861

Background



This preview shows how black text looks on a background with the XYZ color 35.4848, 32.8189, 27.3861.



This preview shows how white text looks on a background with the XYZ color 35.4848, 32.8189,

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

35.4848, 32.8189, 27.3861

Protanopia

31.3553, 33.0175, 29.5314

Deuteranopia

33.5695, 32.9989, 27.1544



Tritanopia

36.9086, 32.7223, 34.5077

Trichromacy



Original Color

35.4848, 32.8189, 27.3861

Protanomaly

32.6673, 32.7389, 28.6422

Deuteranomaly

34.1844, 32.8461, 27.0925

Tritanomaly

36.2460, 32.6674, 31.5892

Monochromacy



Original Color

35.4848, 32.8189, 27.3861

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.1782, 33.3874, 33.1295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4848, 32.8189, 27.3861 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, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(189, 145, 135)  
}
```

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, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 145, 135) }
```

Border

The CSS property to change the border of an element to XYZ 35.4848, 32.8189, 27.3861 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, 145, 135) }
```


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

```
.border{ border-color:rgb(189, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(189, 145,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4848, 32.8189, 27.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 145, 135) }
```

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

```
.background{ background-color: rgb(189,  
145, 135) }
```

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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