

Converting Colors

XYZ(34.9533, 35.3238, 26.9100)

Have a look what the booklet for
XYZ(34.9533, 35.3238, 26.9100)
contains.

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Color

**XYZ(35.0442, 35.4832,
26.8317)**

Conversions

Conversions Part 1

Format	Color
Hex	B49D84
RGB	180, 157, 132
RGB Percent	71%, 62%, 52%
CMY	0.2941, 0.3843, 0.4823
CMYK	0.00, 0.13, 0.27, 0.29
HSL	31°, 24%, 61%
HSV	31°, 27%, 71%
XYZ	35.0442, 35.4832, 26.8317
YIQ	161.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

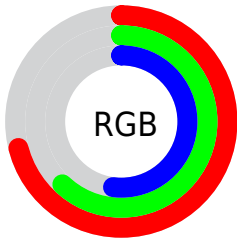
Format	Color
R_{YB}	176, 180, 132
Decimal	11836804
CIE _{Lab}	66.12, 4.55, 16.20
CIE _{LCh}	66, 16.830, 74.301
Yxy	35.4832, 0.3599, 0.3645
Android (android.graphics.Color)	4290026884 (0xFFB49D84)
YUV	161.0270, -14.3103, 16.6393
Hunter-Lab	59.5678, 0.7694, 14.9909

Details

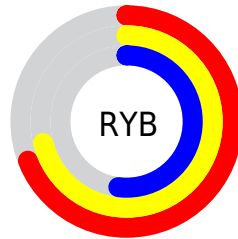
The XYZ color **35.0442, 35.4832, 26.8317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.4750, 31.6425, 47.7342**, and the grayscale version is **33.9469, 35.7148, 38.8934**.

A 20% lighter version of the original color is **66.8925, 68.4226, 55.5802**, and **15.4294, 15.4293, 10.1476** is the 20% darker color. If you saturate the color by 10%, you get **32.5096, 32.2178, 20.4252**, and if you desaturate by 10%, it is **37.8963, 39.0428, 34.3934**.

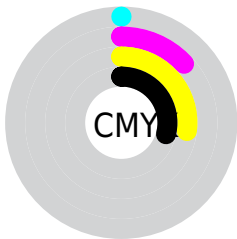
Distribution



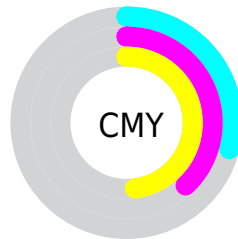
- Red (71%)
- Green (62%)
- Blue (52%)



- Red (69%)
- Yellow (71%)
- Blue (52%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (29%)





- Cyan (29%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0442, 35.4832, 26.8317 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 35.0442, 35.4832, 26.8317 by changing the saturation by 10% instead.


 35.0442, 35.4832,
26.8317


 35.0442, 35.4832,
26.8317


316.2680,
326.6960, 300.5757


 23.8636, 24.0353,
17.2155


 66.8878, 68.2336,
55.6141

 15.3567, 15.3598,
10.2247


 88.2815, 90.3050,
75.6175

 9.1580, 9.0723,
5.4407


 113.8103,
116.6863, 99.9203

 4.9023, 4.7884,
2.4448

143.8396,
147.7620, 128.9412

 2.2242, 2.1236,
0.8107

178.7346,
183.9164, 163.0986

 0.7555, 0.6779,
0.0000

218.8608,

 0.0000, 0.0000,

225.5340, 202.8111

0.0000

264.5834,
272.9990, 248.4973

■ 35.0442, 35.4832,
26.8317

■ 35.0442, 35.4832,
26.8317

■ 32.5096, 32.2178,
20.4252

■ 37.8963, 39.0428,
34.3934

■ 30.2765, 29.2333,
15.1135

■ 41.0752, 42.9000,
43.1621

■ 28.3319, 26.5221,
10.8340

■ 44.5932, 47.0641,
53.1891

■ 26.6605, 24.0744,
7.5168

■ 48.4614, 51.5425,
64.5221

■ 25.2450, 21.8797,
5.0832

■ 52.6900, 56.3425,
77.2063

■ 24.0658, 19.9262,
3.4420

■ 57.2889, 61.4709,
91.2848

■ 23.0968, 18.1995,
2.4678

■ 61.7806, 66.7396,
104.2336

■ 22.8043, 17.6670,
2.2082

■ 64.0668, 71.3121,
104.9957

■ 66.4710, 76.1205,
105.7971

Harmonies

Analogous

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



37.2871, 35.4832, 29.7895



35.0442, 35.4832, 26.8317



32.5513, 35.4832, 26.7635

Triad

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



35.0442, 35.4832, 26.8317



29.2756, 35.4832, 42.1393



37.1984, 35.4832, 49.3579

Complementary

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



35.0442, 35.4832, 26.8317



29.4750, 31.6425, 47.7342

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.



34.9280, 35.4832, 53.5823



35.0442, 35.4832, 26.8317



30.3987, 35.4832, 49.0786

Square

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



35.0442, 35.4832, 26.8317



29.3033, 35.4832, 35.0259



32.4407, 35.4832, 53.4742



38.5721, 35.4832, 42.4842

Rectangle

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



35.0442, 35.4832, 26.8317



31.0867, 35.4832, 28.3349



32.4407, 35.4832, 53.4742



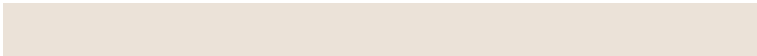
36.5100, 35.4832, 51.1705

Sweetspot

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



35.0451, 35.4848, 26.8324



73.5920, 76.7234, 75.7823



33.0071, 28.5795, 34.8755



15.7147, 16.3523, 15.8468



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.0451, 35.4848, 26.8324



60.7723, 60.7945, 41.5731



39.1229, 43.9161, 28.2449



8.8503, 9.2132, 8.9644



15.9836, 12.4658, 1.5637



0.5609, 0.5082, 0.0685

Inverse Universe

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



29.4750, 31.6425, 47.7342



48.9666, 52.6519, 85.8766



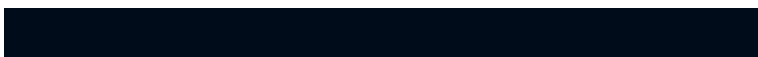
26.1312, 24.7686, 46.5836



8.3666, 8.8795, 10.7793



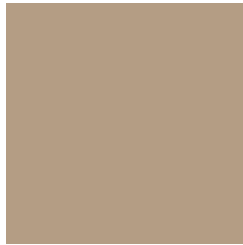
8.1521, 7.1045, 31.0786



0.3150, 0.3406, 0.9974

Previews

White Background



This preview shows how the XYZ color 35.0442, 35.4832, 26.8317 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 35.0442, 35.4832, 26.8317 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 35.0442, 35.4832, 26.8317

Background



This preview shows how black text looks on a background with the XYZ color 35.0442, 35.4832, 26.8317.



This preview shows how white text looks on a background with the XYZ color 35.0442, 35.4832,

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

35.0442, 35.4832, 26.8317

Protanopia

33.4514, 35.4089, 27.6258

Deuteranopia

36.1359, 35.5477, 26.7866



Tritanopia

37.6962, 35.3272, 39.9540

Trichromacy



Original Color

35.0442, 35.4832, 26.8317

Protanomaly

34.0873, 35.4884, 27.2437

Deuteranomaly

35.8205, 35.6332, 26.8198

Tritanomaly

36.7515, 35.4455, 34.6104

Monochromacy



Original Color

35.0442, 35.4832, 26.8317

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2243, 35.6685, 33.9350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0442, 35.4832, 26.8317 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(180, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(180, 157, 132)  
}
```

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(180, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 157, 132) }
```

Border

The CSS property to change the border of an element to XYZ 35.0442, 35.4832, 26.8317 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(180, 157, 132) }
```


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

```
.border{ border-color:rgb(180, 157, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 157, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(180, 157,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0442, 35.4832, 26.8317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 157, 132) }
```

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

```
.background{ background-color: rgb(180,  
157, 132) }
```

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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