

# Converting Colors

XYZ(35.2626, 32.4866, 26.9662)

Have a look what the booklet for  
XYZ(35.2626, 32.4866, 26.9662)  
contains.

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# Color

**XYZ(35.2626, 32.4866,  
26.9662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD9086
RGB	189, 144, 134
RGB Percent	74%, 56%, 53%
CMY	0.2588, 0.4353, 0.4745
CMYK	0.00, 0.24, 0.29, 0.26
HSL	11°, 29%, 63%
HSV	11°, 29%, 74%
XYZ	35.2626, 32.4866, 26.9662
YIQ	156.3150, 30.0300, 6.4300

# Conversions

## Conversions Part 2

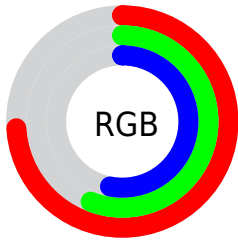
Format	Color
R <sub>Y</sub> B	189, 146, 134
Decimal	12423302
CIE Lab	63.74, 15.56, 11.89
CIE LCh	64, 19.580, 37.391
Yxy	32.4866, 0.3723, 0.3430
Android (android.graphics.Color)	4290613382 (0xFFBD9086)
YUV	156.3150, -11.0013, 28.6647
Hunter-Lab	56.9970, 10.6886, 11.8469

# Details

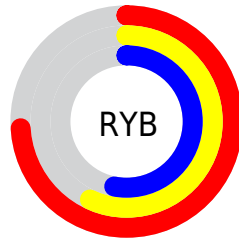
The XYZ color **35.2626, 32.4866, 26.9662** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1363, 40.9812, 54.2025**, and the grayscale version is **31.7796, 33.4346, 36.4103**.

A 20% lighter version of the original color is **67.1698, 63.5689, 55.7435**, and **15.5063, 13.6197, 10.1991** is the 20% darker color. If you saturate the color by 10%, you get **31.8768, 27.6393, 19.9050**, and if you desaturate by 10%, it is **39.2065, 38.0727, 35.3765**.

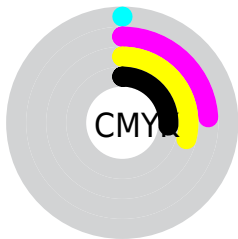
# Distribution



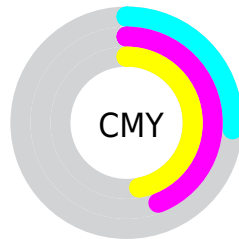
- Red (74%)
- Green (56%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (26%)




- Cyan (26%)
- Magenta (44%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2626, 32.4866, 26.9662 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 35.2626, 32.4866, 26.9662 by changing the saturation by 10% instead.





 35.2626, 32.4866,  
26.9662


 35.2626, 32.4866,  
26.9662


317.2137,  
313.3299, 301.2484


 24.0327, 21.7334,  
17.3156


 67.2237, 63.5731,  
55.8327

 15.4827, 13.6612,  
10.2954


 88.6856, 84.6753,  
75.8857

 9.2474, 7.8854,  
5.4871


 114.2890,  
109.9960, 100.2433

 4.9613, 4.0217,  
2.4721

144.3990,  
139.9195, 129.3240

 2.2591, 1.6857,  
0.8253

179.3811,  
174.8302, 163.5463

 0.7736, 0.4144,  
0.0000


219.6007,


 0.0000, 0.0000,


215.1126, 203.3287


0.0000


265.4231,  
261.1511, 249.0900


 35.2626, 32.4866,  
26.9662


 35.2626, 32.4866,  
26.9662

 31.8768, 27.6393,  
19.9050


 39.2065, 38.0727,  
35.3765


 29.0210, 23.4953,  
14.1204


 43.7298, 44.4222,  
45.1991


 26.6686, 20.0230,  
9.5363

 48.8558, 51.5641,  
56.4958

 24.7893, 17.1866,  
6.0675

 54.6057, 59.5244,  
69.3238

 23.3499, 14.9467,  
3.6176

 60.9996, 68.3281,  
83.7376

■ 22.3120, 13.2595,  
2.0736

■ 68.0568, 77.9991,  
99.7889

■ 21.6195, 12.0704,  
1.2392

■ 73.9223, 87.8108,  
107.6608

■ 21.5692, 11.9846,  
1.1764

■ 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.



36.4116, 32.4866, 33.4638



35.2626, 32.4866, 26.9662



32.9509, 32.4866, 23.1752

# Triad

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



35.2626, 32.4866, 26.9662



26.2580, 32.4866, 29.8749



31.5613, 32.4866, 52.5753

# Complementary

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



35.2626, 32.4866, 26.9662



35.1363, 40.9812, 54.2025

# 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.



28.8930, 32.4866, 51.2377



35.2626, 32.4866, 26.9662



25.9347, 32.4866, 37.3522

# Square

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



35.2626, 32.4866, 26.9662



27.7828, 32.4866, 24.6728



26.8720, 32.4866, 45.3658



34.1940, 32.4866, 48.7890



# Rectangle

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



35.2626, 32.4866, 26.9662



31.1184, 32.4866, 22.3216



26.8720, 32.4866, 45.3658



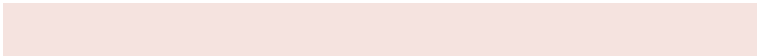
30.6380, 32.4866, 52.7185

# Sweetspot

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



35.2635, 32.4881, 26.9669



78.2822, 79.5072, 80.8687



37.7328, 31.1578, 47.1165



16.5662, 16.7227, 16.8046



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.



35.2635, 32.4881, 26.9669



59.1274, 52.4290, 39.8590



39.7896, 41.5403, 28.4756



9.6668, 9.8096, 9.9606



14.5537, 8.1461, 0.8053



0.6135, 0.4060, 0.0460



# Inverse Universe

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



35.1363, 40.9812, 54.2025



58.8517, 70.1215, 96.6592



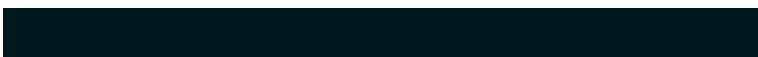
30.2995, 31.3076, 52.5902



9.6570, 10.5063, 12.1912



14.0756, 18.2630, 35.1761



0.5904, 0.7936, 1.3909



# Previews

## White Background



This preview shows how the XYZ color 35.2626, 32.4866, 26.9662 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 35.2626, 32.4866, 26.9662 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 35.2626, 32.4866, 26.9662**

## **Background**



This preview shows how black text looks on a background with the XYZ color 35.2626, 32.4866, 26.9662.



This preview shows how white text looks on a background with the XYZ color 35.2626, 32.4866,

26.9662.

# 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

35.2626, 32.4866, 26.9662

### Protanopia

30.9137, 32.5523, 29.0800

### Deuteranopia

33.1125, 32.5355, 26.7251



## Tritanopia

36.6782, 32.3931, 34.0251

# Trichromacy



## Original Color

35.2626, 32.4866, 26.9662

## Protanomaly

32.2163, 32.2768, 28.1990

## Deuteranomaly

33.7234, 32.3846, 26.6637

## Tritanomaly

36.0190, 32.3375, 31.1314

# Monochromacy



## Original Color

35.2626, 32.4866, 26.9662

## Achromatopsia

31.5995, 33.2452, 36.2040

## Achromatomaly

32.7220, 32.9194, 32.6464

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 35.2626, 32.4866, 26.9662 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, 144, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 144, 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(189, 144, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 144, 134) }
```

## Border

The CSS property to change the border of an element to XYZ 35.2626, 32.4866, 26.9662 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, 144, 134) }
```



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

```
.border{ border-color:rgb(189, 144, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 144, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 144, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 144, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 144,  
134) }
```

# Background

The CSS property to change the background color of an element to XYZ 35.2626, 32.4866, 26.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 144, 134) }
```

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

```
.background{ background-color: rgb(189,  
144, 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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