

Converting Colors

XYZ(34.7223, 30.1595, 26.7334)

Have a look what the booklet for
XYZ(34.7223, 30.1595, 26.7334)
contains.

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Color

**XYZ(34.7754, 30.2837,
26.9341)**

Conversions

Conversions Part 1

Format	Color
Hex	C08787
RGB	192, 135, 135
RGB Percent	75%, 53%, 53%
CMY	0.2471, 0.4706, 0.4706
CMYK	0.00, 0.30, 0.30, 0.25
HSL	0°, 31%, 64%
HSV	0°, 30%, 75%
XYZ	34.7754, 30.2837, 26.9341
YIQ	152.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

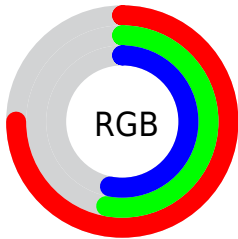
Format	Color
RYB	192, 135, 135
Decimal	12617607
CIELab	61.90, 21.85, 8.76
CIElCh	62, 23.536, 21.848
Yxy	30.2837, 0.3780, 0.3292
Android (android.graphics.Color)	4290807687 (0xFFC08787)
YUV	152.0430, -8.4022, 35.0423
Hunter-Lab	55.0306, 16.4956, 9.5026

Details

The XYZ color **34.7754, 30.2837, 26.9341** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3551, 46.6544, 56.8530**, and the grayscale version is **29.8891, 31.4457, 34.2444**.

A 20% lighter version of the original color is **66.6990, 60.3500, 55.7103**, and **15.2047, 12.4712, 10.2001** is the 20% darker color. If you saturate the color by 10%, you get **31.1022, 24.9090, 19.6310**, and if you desaturate by 10%, it is **39.1770, 36.7248, 35.6834**.

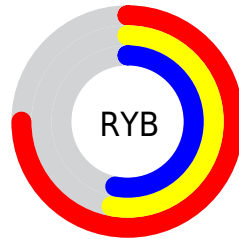
Distribution



Red (75%)

Green (53%)

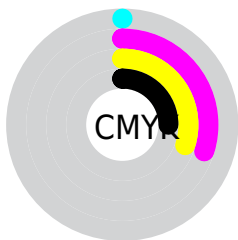
Blue (53%)



Red (75%)

Yellow (53%)

Blue (53%)

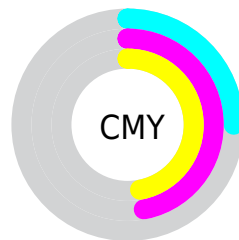


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7754, 30.2837, 26.9341 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 34.7754, 30.2837, 26.9341 by changing the saturation by 10% instead.

 34.7754, 30.2837,
26.9341


 34.7754, 30.2837,
26.9341


315.1013,
303.2246, 301.0880


 23.6556, 20.0540,
17.2917


 66.4740, 60.1105,
55.7806

 15.2017, 12.4343,
10.2786


 87.7835, 80.4765,
75.8217

 9.0483, 7.0402,
5.4760


 113.2203,
104.9900, 100.1662

 4.8301, 3.4873,
2.4656

143.1498,
134.0355, 129.2326

 2.1816, 1.3911,
0.8218

177.9373,
167.9973, 163.4395

 0.7330, 0.2101,
0.0000

217.9481,

 0.0000, 0.0000,

207.2598, 203.2053

0.0000

263.5476,
252.2074, 248.9486

■ 34.7754, 30.2837,
26.9341

■ 34.7754, 30.2837,
26.9341

■ 31.1022, 24.9090,
19.6310

■ 39.1770, 36.7248,
35.6834

■ 28.1159, 20.5392,
13.6945

■ 44.3408, 44.2808,
45.9489

■ 25.7746, 17.1132,
9.0403

■ 50.3013, 53.0027,
57.7984

■ 24.0308, 14.5614,
5.5739

■ 57.0903, 62.9368,
71.2949

■ 22.8304, 12.8048,
3.1878

■ 64.7377, 74.1270,
86.4980

■ 22.1097, 11.7500,
1.7552

■ 73.2720, 86.6149,
103.4644

■ 21.7483, 11.2212,
1.0369

■ 75.5483, 89.9465,
107.9873

■ 21.7385, 11.2068,
1.0174

Harmonies

Analogous

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



35.2009, 30.2837, 35.4935



34.7754, 30.2837, 26.9341



32.6872, 30.2837, 21.1341

Triad

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



34.7754, 30.2837, 26.9341



24.2814, 30.2837, 23.3825



27.9340, 30.2837, 53.2828

Complementary

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



34.7754, 30.2837, 26.9341



38.3551, 46.6544, 56.8530

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.



25.2041, 30.2837, 48.5707



34.7754, 30.2837, 26.9341



23.1981, 30.2837, 30.5763

Square

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



34.7754, 30.2837, 26.9341



26.5894, 30.2837, 19.3590



23.5232, 30.2837, 39.8550



31.0956, 30.2837, 51.8229

Rectangle

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



34.7754, 30.2837, 26.9341



30.7109, 30.2837, 19.0920



23.5232, 30.2837, 39.8550



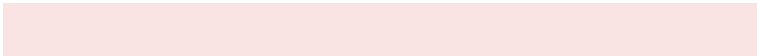
26.9389, 30.2837, 52.3416

Sweetspot

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



34.7762, 30.2851, 26.9347



80.8917, 81.0372, 84.3477



39.9169, 32.3405, 54.0079



17.0377, 16.9224, 17.4667



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.7762, 30.2851, 26.9347



58.2889, 47.9630, 39.4140



39.2978, 39.3283, 28.4419



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



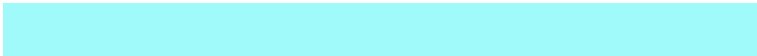
0.6320, 0.3259, 0.0296

Inverse Universe

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



38.3551, 46.6544, 56.8530



65.8766, 82.6679, 102.8447



32.6925, 35.3293, 54.9655



10.3685, 11.4284, 12.9442



19.0840, 27.9245, 37.9407



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 34.7754, 30.2837, 26.9341 looks on a white background.

Color Contrast Check

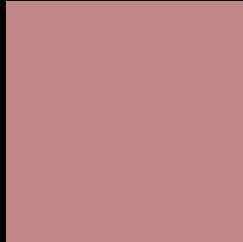
Large Text (above 18pt) WCAG AA × Fail

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 34.7754, 30.2837, 26.9341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

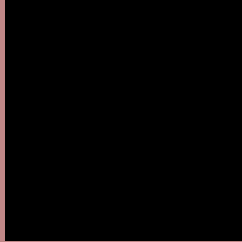
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7754, 30.2837, 26.9341

Background



This preview shows how black text looks on a background with the XYZ color 34.7754, 30.2837, 26.9341.



This preview shows how white text looks on a background with the XYZ color 34.7754, 30.2837,

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

34.7754, 30.2837, 26.9341

Protanopia

29.0318, 30.3481, 30.3142

Deuteranopia

30.7845, 30.1860, 26.3943



Tritanopia

35.5515, 30.4013, 30.3798

Trichromacy



Original Color

34.7754, 30.2837, 26.9341

Protanomaly

30.8553, 30.1648, 29.0071

Deuteranomaly

32.1880, 30.2360, 26.6939

Tritanomaly

35.3251, 30.3107, 29.1880

Monochromacy



Original Color

34.7754, 30.2837, 26.9341

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.4035, 30.8486, 31.4934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7754, 30.2837, 26.9341 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(192, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(192, 135, 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(192, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.7754, 30.2837, 26.9341 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(192, 135, 135) }
```


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

```
.border{ border-color:rgb(192, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(192, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7754, 30.2837, 26.9341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 135, 135) }
```

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

```
.background{ background-color: rgb(192,  
135, 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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