

Converting Colors

XYZ(36.4396, 32.1407, 26.4487)

Have a look what the booklet for
XYZ(36.4396, 32.1407, 26.4487)
contains.

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Color

**XYZ(36.3767, 32.1854,
26.4854)**

Conversions

Conversions Part 1

Format	Color
Hex	C48C85
RGB	196, 140, 133
RGB Percent	77%, 55%, 52%
CMY	0.2314, 0.4510, 0.4784
CMYK	0.00, 0.29, 0.32, 0.23
HSL	7°, 35%, 65%
HSV	7°, 32%, 77%
XYZ	36.3767, 32.1854, 26.4854
YIQ	155.9460, 35.6230, 9.6950

Conversions

Conversions Part 2

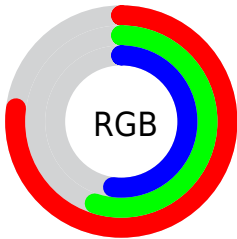
Format	Color
R_{YB}	196, 141, 133
Decimal	12881029
CIE Lab	63.50, 20.37, 12.21
CIE LCh	63, 23.748, 30.953
Yxy	32.1854, 0.3827, 0.3386
Android (android.graphics.Color)	4291071109 (0xFFC48C85)
YUV	155.9460, -11.3124, 35.1274
Hunter-Lab	56.7322, 15.1730, 12.0330

Details

The XYZ color **36.3767, 32.1854, 26.4854** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8336, 45.3657, 58.9871**, and the grayscale version is **31.6143, 33.2607, 36.2209**.

A 20% lighter version of the original color is **69.0278, 63.1996, 55.0150**, and **16.1571, 13.4476, 10.1316** is the 20% darker color. If you saturate the color by 10%, you get **32.7998, 27.0001, 19.2242**, and if you desaturate by 10%, it is **40.6111, 38.2809, 35.2130**.

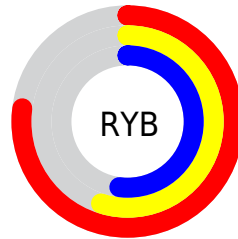
Distribution



Red (77%)

Green (55%)

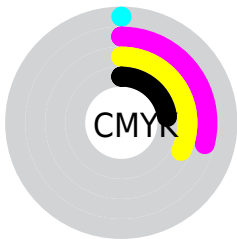
Blue (52%)



Red (77%)

Yellow (55%)

Blue (52%)

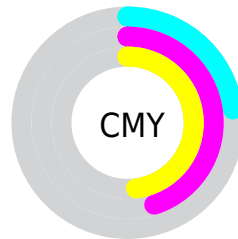


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3767, 32.1854, 26.4854 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 36.3767, 32.1854, 26.4854 by changing the saturation by 10% instead.


 36.3767, 32.1854,
26.4854


 36.3767, 32.1854,
26.4854

322.0066,
311.9629, 298.8378


 24.8967, 21.5031,
16.9581


 68.9332, 63.1016,
55.0506

 16.1284, 13.4923,
10.0430


 90.7404, 84.1044,
74.9257

 9.7065, 7.7684,
5.3215


 116.7207,
109.3161, 99.0871

 5.2656, 3.9471,
2.3751

147.2395,
139.1212, 127.9533

 2.4403, 1.6440,
0.7728

182.6622,
173.9040, 161.9429

 0.8652, 0.3870,
0.0000

223.3540,

 0.0000, 0.0000,

214.0490, 201.4745

0.0000

269.6804,
259.9405, 246.9666

■ 36.3767, 32.1854,
26.4854

■ 36.3767, 32.1854,
26.4854

■ 32.7998, 27.0001,
19.2242

■ 40.6111, 38.2809,
35.2130

■ 29.8447, 22.6768,
13.3470

■ 45.5309, 45.3225,
45.4794

■ 27.4764, 19.1701,
8.7661

■ 51.1659, 53.3498,
57.3545

■ 25.6554, 16.4284,
5.3833

■ 57.5431, 62.3988,
70.9033

■ 24.3370, 14.3943,
3.0858

■ 64.6881, 72.5036,
86.1873

■ 23.4694, 13.0019,
1.7397

■ 72.6254, 83.6970,
103.2648

■ 23.0479, 12.3017,
1.1597

■ 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



37.4019, 32.1854, 34.7424



36.3767, 32.1854, 26.4854



33.7846, 32.1854, 21.4098

Triad

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



36.3767, 32.1854, 26.4854



25.3608, 32.1854, 26.9231



30.6971, 32.1854, 56.5958

Complementary

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



36.3767, 32.1854, 26.4854



37.8336, 45.3657, 58.9871

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.



27.6057, 32.1854, 53.5035



36.3767, 32.1854, 26.4854



24.6621, 32.1854, 35.3482

Square

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



36.3767, 32.1854, 26.4854



27.4350, 32.1854, 21.6287



25.4543, 32.1854, 45.2734



33.9807, 32.1854, 53.1029

Rectangle

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



36.3767, 32.1854, 26.4854



31.6024, 32.1854, 19.9575



25.4543, 32.1854, 45.2734



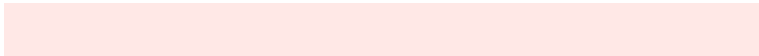
29.6019, 32.1854, 56.2879

Sweetspot

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



36.3776, 32.1869, 26.4860



84.4038, 84.8471, 86.4239



40.4142, 32.2157, 52.6319



17.7690, 17.7371, 17.8748



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.3776, 32.1869, 26.4860



60.9495, 51.1386, 37.9114



41.5240, 42.4798, 28.2015



10.1614, 10.2542, 10.5056



14.8416, 7.9689, 0.7559



0.6720, 0.4058, 0.0429

Inverse Universe

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



37.8336, 45.3657, 58.9871



64.0070, 78.9104, 106.4655



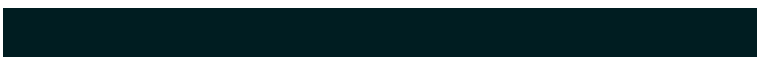
31.8980, 33.4944, 57.0086



10.2698, 11.2310, 12.9113



16.1931, 22.1426, 36.9771



0.7275, 1.0123, 1.6069

Previews

White Background



This preview shows how the XYZ color 36.3767, 32.1854, 26.4854 looks on a white background.

Color Contrast Check

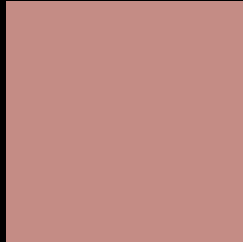
Large Text (above 18pt) WCAG AA × Fail

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 36.3767, 32.1854, 26.4854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

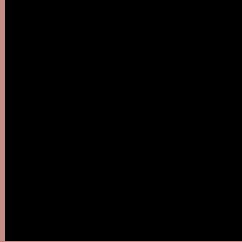
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3767, 32.1854, 26.4854

Background



This preview shows how black text looks on a background with the XYZ color 36.3767, 32.1854, 26.4854.



This preview shows how white text looks on a background with the XYZ color 36.3767, 32.1854,

26.4854.

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

36.3767, 32.1854, 26.4854

Protanopia

30.7864, 32.4782, 29.4572

Deuteranopia

32.8181, 32.1656, 25.9516



Tritanopia

37.7225, 32.3208, 32.2673

Trichromacy



Original Color

36.3767, 32.1854, 26.4854

Protanomaly

32.4964, 32.1853, 28.1665

Deuteranomaly

34.0574, 32.1071, 26.2321

Tritanomaly

37.2165, 32.3187, 30.2632

Monochromacy



Original Color

36.3767, 32.1854, 26.4854

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.0462, 32.6087, 32.5694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3767, 32.1854, 26.4854 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(196, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 133)  
}
```

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(196, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 133) }
```

Border

The CSS property to change the border of an element to XYZ 36.3767, 32.1854, 26.4854 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(196, 140, 133) }
```


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

```
.border{ border-color:rgb(196, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3767, 32.1854, 26.4854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 140, 133) }
```

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

```
.background{ background-color: rgb(196,  
140, 133) }
```

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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