

Converting Colors

XYZ(36.0750, 32.5066, 24.7951)

Have a look what the booklet for
XYZ(36.0750, 32.5066, 24.7951)
contains.

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Color

**XYZ(36.0750, 32.5066,
24.7951)**

Conversions

Conversions Part 1

Format	Color
Hex	C38E80
RGB	195, 142, 128
RGB Percent	76%, 56%, 50%
CMY	0.2353, 0.4431, 0.4980
CMYK	0.00, 0.27, 0.34, 0.24
HSL	13°, 36%, 63%
HSV	13°, 34%, 76%
XYZ	36.0750, 32.5066, 24.7951
YIQ	156.2510, 36.0820, 6.8820

Conversions

Conversions Part 2

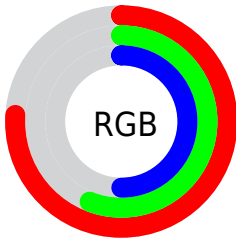
Format	Color
R _{YB}	195, 146, 128
Decimal	12816000
CIE Lab	63.76, 18.22, 15.38
CIE LCh	64, 23.849, 40.169
Yxy	32.5066, 0.3863, 0.3481
Android (android.graphics.Color)	4291006080 (0xFFC38E80)
YUV	156.2510, -13.9277, 33.9829
Hunter-Lab	57.0146, 13.1674, 14.1255

Details

The XYZ color **36.0750, 32.5066, 24.7951** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2758, 41.5758, 57.7957**, and the grayscale version is **31.7617, 33.4158, 36.3898**.

A 20% lighter version of the original color is **68.5884, 63.6987, 52.3961**, and **15.9676, 13.6221, 9.1849** is the 20% darker color. If you saturate the color by 10%, you get **32.7746, 27.7662, 17.9596**, and if you desaturate by 10%, it is **39.9414, 37.9839, 33.0369**.

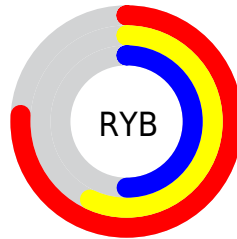
Distribution



Red (76%)

Green (56%)

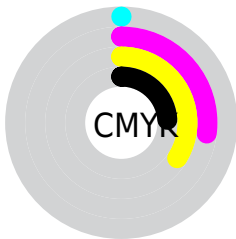
Blue (50%)



Red (76%)

Yellow (57%)

Blue (50%)

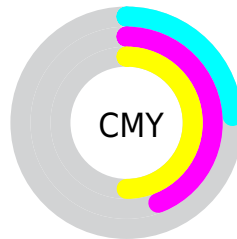


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0750, 32.5066, 24.7951 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 36.0750, 32.5066, 24.7951 by changing the saturation by 10% instead.


 36.0750, 32.5066,
24.7951


 36.0750, 32.5066,
24.7951

320.7138,
313.4206, 290.2309

 24.6625, 21.7487,
15.7068


 68.4709, 63.6044,
52.2846

 15.9532, 13.6724,
9.1648


 90.1851, 84.7132,
71.5229

 9.5817, 7.8932,
4.7506


 116.0638,
110.0411, 94.9817

 5.1826, 4.0267,
2.0455

146.4725,
139.9724, 123.0794

 2.3907, 1.6885,
0.5830

181.7764,
174.8916, 156.2347

 0.8405, 0.4162,
0.0000

222.3411,

 0.0000, 0.0000,

215.1831, 194.8660

0.0000

268.5317,
261.2313, 239.3919

■ 36.0750, 32.5066,
24.7951

■ 36.0750, 32.5066,
24.7951

■ 32.7746, 27.7662,
17.9596

■ 39.9414, 37.9839,
33.0369

■ 30.0105, 23.7265,
12.4494

■ 44.3964, 44.2232,
42.7558

■ 27.7540, 20.3550,
8.1782

■ 49.4647, 51.2539,
54.0201

■ 25.9728, 17.6150,
5.0488

■ 55.1686, 59.1026,
66.8936

■ 24.6302, 15.4657,
2.9491

■ 61.5293, 67.7947,
81.4360

■ 23.6838, 13.8616,
1.7439

■ 68.5672, 77.3543,
97.7043

■ 23.2904, 13.1713,
1.3148

■ 74.7335, 87.1776,
107.4958

■ 76.3158, 90.3421,
108.0233

Harmonies

Analogous

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



37.6674, 32.5066, 32.2416



36.0750, 32.5066, 24.7951



33.1296, 32.5066, 20.7438

Triad

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



36.0750, 32.5066, 24.7951



25.2341, 32.5066, 29.5073



32.0457, 32.5066, 56.7898

Complementary

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



36.0750, 32.5066, 24.7951



35.2758, 41.5758, 57.7957

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.



28.7661, 32.5066, 55.6966



36.0750, 32.5066, 24.7951



24.9899, 32.5066, 38.7458

Square

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



36.0750, 32.5066, 24.7951



26.9318, 32.5066, 23.1050



26.2390, 32.5066, 48.6508



35.2325, 32.5066, 51.4129

Rectangle

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



36.0750, 32.5066, 24.7951



30.8776, 32.5066, 19.9884



26.2390, 32.5066, 48.6508



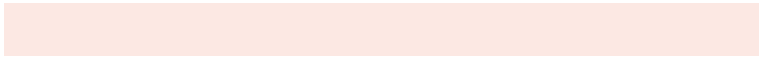
30.9155, 32.5066, 57.1870

Sweetspot

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



36.0758, 32.5081, 24.7958



83.1939, 84.3217, 84.7124



38.6273, 30.4017, 47.8720



17.9390, 18.0772, 17.9315



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.



36.0758, 32.5081, 24.7958



60.2121, 51.9149, 35.2580



41.7127, 43.7819, 26.6747



10.2400, 10.4114, 10.5318



15.1875, 8.6608, 0.8712



0.7072, 0.4762, 0.0546

Inverse Universe

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



35.2758, 41.5758, 57.7957



58.5511, 70.4902, 102.9898



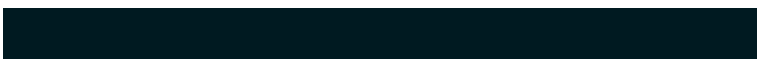
29.3584, 29.7409, 55.8232



10.1841, 11.0594, 12.8828



14.0009, 17.7582, 36.2464



0.6509, 0.8593, 1.5814

Previews

White Background



This preview shows how the XYZ color 36.0750, 32.5066, 24.7951 looks on a white background.

Color Contrast Check

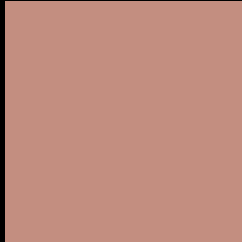
Large Text (above 18pt) WCAG AA × Fail

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 36.0750, 32.5066, 24.7951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

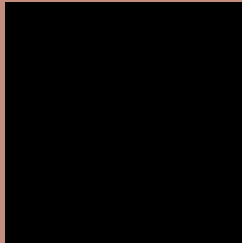
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0750, 32.5066, 24.7951

Background



This preview shows how black text looks on a background with the XYZ color 36.0750, 32.5066, 24.7951.



This preview shows how white text looks on a background with the XYZ color 36.0750, 32.5066,

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

36.0750, 32.5066, 24.7951

Protanopia

30.7590, 32.5138, 27.2089

Deuteranopia

33.1686, 32.6109, 24.6250



Tritanopia

37.6834, 32.5055, 32.7218

Trichromacy



Original Color

36.0750, 32.5066, 24.7951

Protanomaly

32.5268, 32.4773, 26.3842

Deuteranomaly

34.1172, 32.4044, 24.5352

Tritanomaly

36.9508, 32.4150, 29.5085

Monochromacy



Original Color

36.0750, 32.5066, 24.7951

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.8325, 32.7546, 31.7859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0750, 32.5066, 24.7951 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(195, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(195, 142, 128)  
}
```

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(195, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 142, 128) }
```

Border

The CSS property to change the border of an element to XYZ 36.0750, 32.5066, 24.7951 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(195, 142, 128) }
```


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

```
.border{ border-color:rgb(195, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(195, 142,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0750, 32.5066, 24.7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 142, 128) }
```

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

```
.background{ background-color: rgb(195,  
142, 128) }
```

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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