

Converting Colors

XYZ(32.3753, 30.8136, 25.0101)

Have a look what the booklet for
XYZ(32.3753, 30.8136, 25.0101)
contains.

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Color

**XYZ(32.3753, 30.8136,
25.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	B38F81
RGB	179, 143, 129
RGB Percent	70%, 56%, 51%
CMY	0.2980, 0.4392, 0.4941
CMYK	0.00, 0.20, 0.28, 0.30
HSL	17°, 25%, 60%
HSV	17°, 28%, 70%
XYZ	32.3753, 30.8136, 25.0101
YIQ	152.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

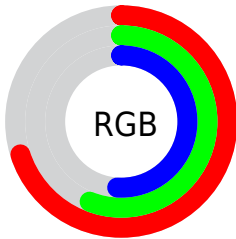
Format	Color
RYB	179, 148, 129
Decimal	11767681
CIELab	62.35, 11.47, 12.60
CIELCh	62, 17.043, 47.680
Yxy	30.8136, 0.3671, 0.3494
Android (android.graphics.Color)	4289957761 (0xFFB38F81)
YUV	152.1680, -11.4218, 23.5317
Hunter-Lab	55.5100, 6.9647, 12.1438

Details

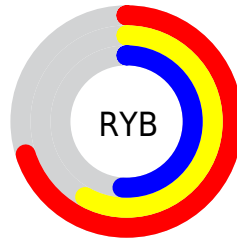
The XYZ color **32.3753, 30.8136, 25.0101** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.6447, 34.8310, 47.7558**, and the grayscale version is **29.9582, 31.5183, 34.3234**.

A 20% lighter version of the original color is **62.6707, 60.9721, 52.7217**, and **13.8198, 12.7679, 9.3255** is the 20% darker color. If you saturate the color by 10%, you get **29.4636, 26.7303, 18.6747**, and if you desaturate by 10%, it is **35.7194, 35.4277, 32.5187**.

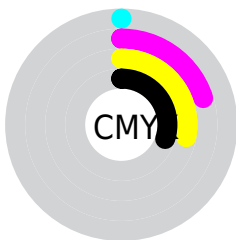
Distribution



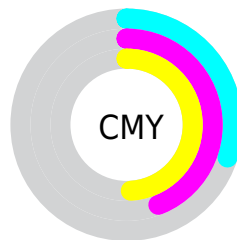
- Red (70%)
- Green (56%)
- Blue (51%)



- Red (70%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (30%)





- Cyan (30%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3753, 30.8136, 25.0101 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 32.3753, 30.8136, 25.0101 by changing the saturation by 10% instead.


 32.3753, 30.8136,
25.0101


 32.3753, 30.8136,
25.0101


304.5403,
305.6787, 291.3375


 21.8053, 20.4570,
15.8655


 62.7602, 60.9465,
52.6379

 13.8297, 12.7276,
9.2757


 83.3058, 81.4915,
71.9582

 8.0832, 7.2413,
4.8222


 107.9073,
106.2014, 95.5075

 4.2005, 3.6134,
2.0864

136.9300,
135.4607, 123.7043

 1.8162, 1.4598,
0.6077

170.7393,
169.6536, 156.9672

 0.5274, 0.2602,
0.0000

209.7005,

 0.0000, 0.0000,

209.1647, 195.7146

0.0000

254.1791,
254.3782, 240.3652

■ 32.3753, 30.8136,
25.0101

■ 32.3753, 30.8136,
25.0101

■ 29.4636, 26.7303,
18.6747

■ 35.7194, 35.4277,
32.5187

■ 26.9634, 23.1541,
13.4507

■ 39.5106, 40.5865,
41.2540

■ 24.8558, 20.0660,
9.2738


■ 43.7659, 46.3089,
51.2686


■ 23.1194, 17.4438,
6.0720


■ 48.5009, 52.6114,
62.6114


■ 21.7302, 15.2639,
3.7642


■ 53.7301, 59.5101,
75.3287


 20.6613, 13.4998,
2.2558

 59.4676, 67.0202,
89.4647

 19.8746, 12.1197,
1.3981

 65.7269, 75.1563,
105.0615

 19.7368, 11.8764,
1.2521

 69.6260, 82.7749,
106.9152

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



33.7184, 30.8136, 29.8401



32.3753, 30.8136, 25.0101



30.2437, 30.8136, 22.6109

Triad

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



32.3753, 30.8136, 25.0101



25.1656, 30.8136, 30.9134



30.6547, 30.8136, 47.1623

Complementary

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



32.3753, 30.8136, 25.0101



30.6447, 34.8310, 47.7558

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.



28.3514, 30.8136, 47.5490



32.3753, 30.8136, 25.0101



25.2627, 30.8136, 37.5569

Square

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



32.3753, 30.8136, 25.0101



26.1297, 30.8136, 25.7067



26.4024, 30.8136, 43.8432



32.6897, 30.8136, 42.8473

Rectangle

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



32.3753, 30.8136, 25.0101



28.6989, 30.8136, 22.4739



26.4024, 30.8136, 43.8432



29.8839, 30.8136, 47.7747

Sweetspot

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



32.3761, 30.8150, 25.0107



70.6165, 72.4920, 73.5452



33.2933, 28.0255, 39.5712



15.4089, 15.7408, 15.7449



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.



32.3761, 30.8150, 25.0107



54.4361, 50.2265, 37.0289



36.4329, 38.9286, 26.3630



8.6837, 8.8800, 8.9088



13.9954, 8.4893, 0.9010



0.4909, 0.3681, 0.0452

Inverse Universe

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



30.6447, 34.8310, 47.7558



50.7733, 58.6862, 85.0327



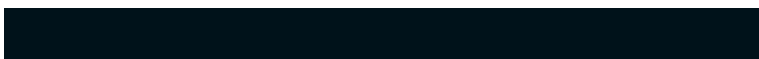
26.6660, 26.8737, 46.4296



8.5375, 9.2212, 10.8362



11.3417, 13.4839, 32.1419



0.4031, 0.5167, 1.0267

Previews

White Background



This preview shows how the XYZ color 32.3753, 30.8136, 25.0101 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 32.3753, 30.8136, 25.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

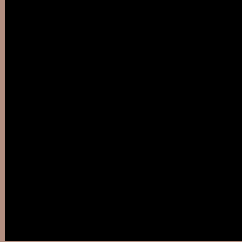
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3753, 30.8136, 25.0101

Background



This preview shows how black text looks on a background with the XYZ color 32.3753, 30.8136, 25.0101.



This preview shows how white text looks on a background with the XYZ color 32.3753, 30.8136,

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

32.3753, 30.8136, 25.0101

Protanopia

29.4008, 31.0958, 26.6428

Deuteranopia

31.3214, 30.7200, 25.0476



Tritanopia

34.0201, 30.8143, 33.4329

Trichromacy



Original Color

32.3753, 30.8136, 25.0101

Protanomaly

30.4806, 30.9527, 26.1978

Deuteranomaly

31.6149, 30.6455, 25.0178

Tritanomaly

33.3052, 30.7362, 30.1639

Monochromacy



Original Color

32.3753, 30.8136, 25.0101

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6818, 31.1899, 30.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3753, 30.8136, 25.0101 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(179, 143, 129)` looks like.

```
.text, #text, p{  
    color:rgb(179, 143, 129)  
}
```

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(179, 143, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 143, 129) }
```

Border

The CSS property to change the border of an element to XYZ 32.3753, 30.8136, 25.0101 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(179, 143, 129) }
```


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

```
.border{ border-color:rgb(179, 143, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 143, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 143, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 143, 129);  
box-shadow:4px 4px 4px 4px rgb(179, 143,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3753, 30.8136, 25.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 143, 129) }
```

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

```
.background{ background-color: rgb(179,  
143, 129) }
```

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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