

Converting Colors

XYZ(32.6450, 30.9076, 26.4721)

Have a look what the booklet for
XYZ(32.6450, 30.9076, 26.4721)
contains.

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Color

**XYZ(32.6465, 30.9221,
26.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	B38F85
RGB	179, 143, 133
RGB Percent	70%, 56%, 52%
CMY	0.2980, 0.4392, 0.4784
CMYK	0.00, 0.20, 0.26, 0.30
HSL	13°, 23%, 61%
HSV	13°, 26%, 70%
XYZ	32.6465, 30.9221, 26.4382
YIQ	152.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

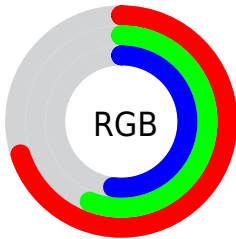
Format	Color
RYB	179, 146, 133
Decimal	11767685
CIELab	62.44, 12.05, 10.47
CIELCh	62, 15.965, 40.988
Yxy	30.9221, 0.3627, 0.3436
Android (android.graphics.Color)	4289957765 (0xFFB38F85)
YUV	152.6240, -9.6746, 23.1318
Hunter-Lab	55.6076, 7.4816, 10.7364

Details

The XYZ color **32.6465, 30.9221, 26.4382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9971, 36.6160, 48.0291**, and the grayscale version is **30.1488, 31.7189, 34.5418**.

A 20% lighter version of the original color is **63.0901, 61.1398, 54.9303**, and **13.9720, 12.8288, 10.1273** is the 20% darker color. If you saturate the color by 10%, you get **29.5407, 26.5237, 19.8128**, and if you desaturate by 10%, it is **36.2273, 35.9329, 34.2624**.

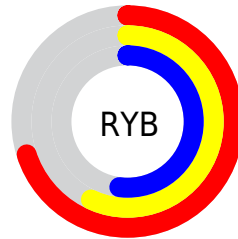
Distribution



Red (70%)

Green (56%)

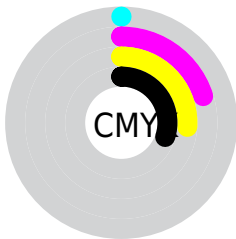
Blue (52%)



Red (70%)

Yellow (57%)

Blue (52%)

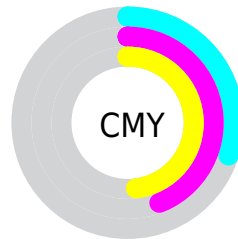


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (30%)



Cyan (30%)


Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6465, 30.9221, 26.4382 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 32.6465, 30.9221, 26.4382 by changing the saturation by 10% instead.

 32.6465, 30.9221,
26.4382


 32.6465, 30.9221,
26.4382


305.7471,
306.1793, 298.6002


 22.0137, 20.5395,
16.9230

 63.1816, 61.1174,
54.9738

 13.9836, 12.7878,
10.0183


 83.8147, 81.6989,
74.8313

 8.1909, 7.2826,
5.3053


 108.5118,
106.4489, 98.9733

 4.2702, 3.6395,
2.3656

137.6385,
135.7517, 127.8184

 1.8561, 1.4740,
0.7676

171.5600,
169.9918, 161.7851

 0.5511, 0.2703,
0.0000

210.6417,

 0.0000, 0.0000,

209.5535, 201.2919

0.0000

255.2489,
254.8212, 246.7575

■ 32.6465, 30.9221,
26.4382

■ 32.6465, 30.9221,
26.4382

■ 29.5407, 26.5237,
19.8128

■ 36.2273, 35.9329,
34.2624

■ 26.8871, 22.7098,
14.3248

■ 40.2998, 41.5739,
43.3389

■ 24.6647, 19.4567,
9.9103

■ 44.8826, 47.8678,
53.7200

■ 22.8498, 16.7374,
6.4981

■ 49.9930, 54.8346,
65.4548

■ 21.4162, 14.5228,
4.0084

■ 55.6471, 62.4937,
78.5895

■ 20.3344, 12.7805,
2.3492

■ 61.8606, 70.8635,
93.1685

■ 19.5693, 11.4738,
1.4044

■ 68.1122, 79.7472,
106.4106

■ 19.3136, 11.0300,
1.1111

■ 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.



33.6699, 30.9221, 31.4470



32.6465, 30.9221, 26.4382



30.7677, 30.9221, 23.6073

Triad

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



32.6465, 30.9221, 26.4382



25.6274, 30.9221, 29.9322



30.1913, 30.9221, 46.7824

Complementary

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



32.6465, 30.9221, 26.4382



31.9971, 36.6160, 48.0291

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.



28.0550, 30.9221, 46.2468



32.6465, 30.9221, 26.4382



25.4901, 30.9221, 35.9931

Square

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



32.6465, 30.9221, 26.4382



26.7435, 30.9221, 25.4468



26.3586, 30.9221, 42.1107



32.2067, 30.9221, 43.4950

Rectangle

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



32.6465, 30.9221, 26.4382



29.3188, 30.9221, 23.0990



26.3586, 30.9221, 42.1107



29.4624, 30.9221, 47.0529

Sweetspot

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



32.6473, 30.9235, 26.4388



70.3149, 71.8888, 73.4446



34.1427, 29.2249, 41.3942



15.3310, 15.5851, 15.7189



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.



32.6473, 30.9235, 26.4388



55.1281, 50.6623, 40.1835



36.4544, 38.5377, 27.7079



8.6413, 8.7950, 8.8947



13.6883, 7.8752, 0.7986



0.4735, 0.3335, 0.0394

Inverse Universe

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



31.9971, 36.6160, 48.0291



53.7527, 62.6345, 85.6378



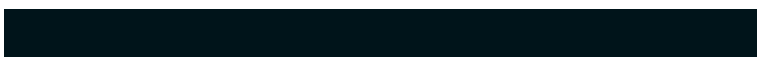
28.0939, 28.8096, 46.7281



8.5827, 9.3117, 10.8513



12.4334, 15.6672, 32.5058



0.4303, 0.5711, 1.0358

Previews

White Background



This preview shows how the XYZ color 32.6465, 30.9221, 26.4382 looks on a white background.

Color Contrast Check

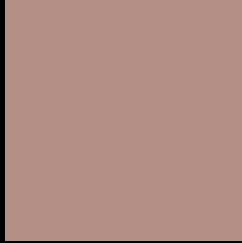
Large Text (above 18pt) WCAG AA × Fail

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 32.6465, 30.9221, 26.4382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

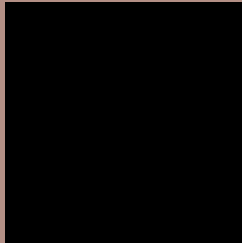
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6465, 30.9221, 26.4382

Background



This preview shows how black text looks on a background with the XYZ color 32.6465, 30.9221, 26.4382.



This preview shows how white text looks on a background with the XYZ color 32.6465, 30.9221,

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

32.6465, 30.9221, 26.4382

Protanopia

29.4866, 31.1075, 28.1171

Deuteranopia

31.7461, 31.1355, 26.5268



Tritanopia

34.0201, 30.8143, 33.4329

Trichromacy



Original Color

32.6465, 30.9221, 26.4382

Protanomaly

30.5509, 30.9567, 27.6576

Deuteranomaly

32.0382, 31.0582, 26.4965

Tritanomaly

33.3813, 30.7667, 30.5647

Monochromacy



Original Color

32.6465, 30.9221, 26.4382

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8360, 31.2516, 31.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6465, 30.9221, 26.4382 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 143, 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(179, 143, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 143, 133) }
```

Border

The CSS property to change the border of an element to XYZ 32.6465, 30.9221, 26.4382 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, 133) }
```


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

```
.border{ border-color:rgb(179, 143, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 143, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 143, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 143,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6465, 30.9221, 26.4382 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, 133) }
```

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

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