

Converting Colors

XYZ(32.4690, 30.4282, 20.4114)

Have a look what the booklet for
XYZ(32.4690, 30.4282, 20.4114)
contains.

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Color

**XYZ(32.6270, 30.6018,
20.4068)**

Conversions

Conversions Part 1

Format	Color
Hex	B98D73
RGB	185, 141, 115
RGB Percent	73%, 55%, 45%
CMY	0.2745, 0.4470, 0.5490
CMYK	0.00, 0.24, 0.38, 0.27
HSL	22°, 33%, 59%
HSV	22°, 38%, 73%
XYZ	32.6270, 30.6018, 20.4068
YIQ	151.1920, 34.5700, 1.2420

Conversions

Conversions Part 2

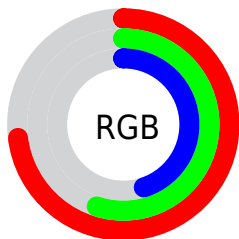
Format	Color
RYB	185, 156, 115
Decimal	12160371
CIELab	62.17, 13.15, 20.32
CIElCh	62, 24.206, 57.087
Yxy	30.6018, 0.3901, 0.3659
Android (android.graphics.Color)	4290350451 (0xFFB98D73)
YUV	151.1920, -17.8427, 29.6496
Hunter-Lab	55.3189, 8.4710, 16.8515

Details

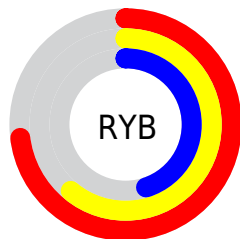
The XYZ color **32.6270, 30.6018, 20.4068** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.2250, 31.9430, 50.5771**, and the grayscale version is **29.5619, 31.1015, 33.8695**.

A 20% lighter version of the original color is **63.1081, 60.6975, 44.9488**, and **13.9601, 12.6332, 7.0129** is the 20% darker color. If you saturate the color by 10%, you get **30.0421, 26.9681, 14.8097**, and if you desaturate by 10%, it is **35.6071, 34.6839, 27.1903**.

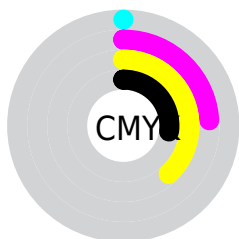
Distribution



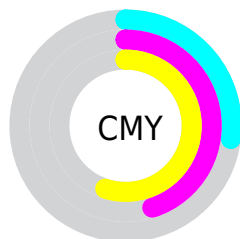
- Red (73%)
- Green (55%)
- Blue (45%)



- Red (73%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (38%)
- Black (27%)





- Cyan (27%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6270, 30.6018, 20.4068 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 32.6270, 30.6018, 20.4068 by changing the saturation by 10% instead.


 32.6270, 30.6018,
20.4068


 32.6270, 30.6018,
20.4068


305.6604,
304.6996, 266.7856

 21.9987, 20.2958,
12.5041


 63.1513, 60.6126,
44.9661

 13.9726, 12.6103,
6.9613


 83.7781, 81.0862,
62.4597

 8.1832, 7.1607,
3.3598


 108.4684,
105.7178, 83.9874

 4.2652, 3.5628,
1.2812

137.5876,
134.8918, 109.9677

 1.8532, 1.4321,
0.0463

171.5010,
168.9926, 140.8191

 0.5494, 0.2402,
0.0000

210.5741,

 0.0000, 0.0000,

208.4045, 176.9602

0.0000

255.1721,
253.5121, 218.8096

■ 32.6270, 30.6018,
20.4068

■ 32.6270, 30.6018,
20.4068

■ 30.0421, 26.9681,
14.8097

■ 35.6071, 34.6839,
27.1903

■ 27.8318, 23.7623,
10.3277

■ 38.9973, 39.2254,
35.2222

■ 25.9767, 20.9685,
6.8844

■ 42.8142, 44.2422,
44.5624

■ 24.4547, 18.5680,
4.3930

■ 47.0729, 49.7481,
55.2663

■ 23.2404, 16.5403,
2.7523

■ 51.7878, 55.7564,
67.3860

■ 22.2980, 14.8600,
1.8079

■ 56.9726, 62.2799,
80.9710

■ 22.1188, 14.5367,
1.6401

■ 62.6402, 69.3307,
96.0684

■ 67.4878, 76.3945,
105.7964

■ 70.9080, 83.2351,
106.9365

Harmonies

Analogous

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



35.0318, 30.6018, 25.7957



32.6270, 30.6018, 20.4068



29.4058, 30.6018, 18.4140

Triad

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



32.6270, 30.6018, 20.4068



23.2639, 30.6018, 32.4160



32.0349, 30.6018, 51.9963

Complementary

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



32.6270, 30.6018, 20.4068



28.2250, 31.9430, 50.5771

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.



28.7687, 30.6018, 54.6585



32.6270, 30.6018, 20.4068



23.8543, 30.6018, 42.1817

Square

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



32.6270, 30.6018, 20.4068



24.1345, 30.6018, 24.4861



25.8111, 30.6018, 50.7784



34.6724, 30.6018, 44.0583

Rectangle

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



32.6270, 30.6018, 20.4068



27.2828, 30.6018, 18.9369



25.8111, 30.6018, 50.7784



30.9671, 30.6018, 53.5955

Sweetspot

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



32.6278, 30.6033, 20.4074



74.3078, 76.1375, 73.9522



32.4256, 25.0909, 36.0871



15.8195, 16.1516, 15.4524



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.6278, 30.6033, 20.4074



54.7214, 49.6030, 28.4609



38.5624, 42.4724, 22.3856



9.2706, 9.5441, 9.4605



15.1255, 10.0275, 1.1383



0.5934, 0.4738, 0.0602

Inverse Universe

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



28.2250, 31.9430, 50.5771



45.7423, 52.3032, 89.8893



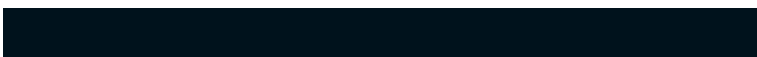
23.0770, 21.6470, 48.8611



8.9787, 9.6346, 11.4659



10.3085, 11.0768, 32.8478



0.4206, 0.5048, 1.1770

Previews

White Background



This preview shows how the XYZ color 32.6270, 30.6018, 20.4068 looks on a white background.

Color Contrast Check

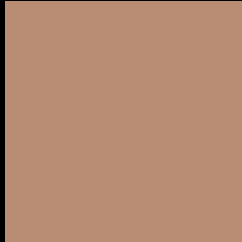
Large Text (above 18pt) WCAG AA × Fail

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 32.6270, 30.6018, 20.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

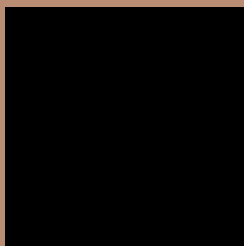
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6270, 30.6018, 20.4068

Background



This preview shows how black text looks on a background with the XYZ color 32.6270, 30.6018, 20.4068.



This preview shows how white text looks on a background with the XYZ color 32.6270, 30.6018,

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

32.6270, 30.6018, 20.4068

Protanopia

28.7333, 30.6182, 21.8483

Deuteranopia

31.1420, 30.5085, 20.1670



Tritanopia

34.9512, 30.6893, 31.6853

Trichromacy



Original Color

32.6270, 30.6018, 20.4068

Protanomaly

30.0659, 30.6105, 21.4633

Deuteranomaly

31.6821, 30.5631, 20.1490

Tritanomaly

33.9552, 30.4910, 27.0174

Monochromacy



Original Color

32.6270, 30.6018, 20.4068

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.1254, 30.4889, 28.3419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6270, 30.6018, 20.4068 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(185, 141, 115)` looks like.

```
.text, #text, p{  
    color:rgb(185, 141, 115)  
}
```

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(185, 141, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 141, 115) }
```

Border

The CSS property to change the border of an element to XYZ 32.6270, 30.6018, 20.4068 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(185, 141, 115) }
```


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

```
.border{ border-color:rgb(185, 141, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 141, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 141, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 141, 115);  
box-shadow:4px 4px 4px 4px rgb(185, 141,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6270, 30.6018, 20.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 141, 115) }
```

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

```
.background{ background-color: rgb(185,  
141, 115) }
```

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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