

Converting Colors

XYZ(32.4555, 30.3725, 20.3527)

Have a look what the booklet for
XYZ(32.4555, 30.3725, 20.3527)
contains.

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Color

**XYZ(32.4802, 30.3083,
20.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	B98C73
RGB	185, 140, 115
RGB Percent	73%, 55%, 45%
CMY	0.2745, 0.4510, 0.5490
CMYK	0.00, 0.24, 0.38, 0.27
HSL	21°, 33%, 59%
HSV	21°, 38%, 73%
XYZ	32.4802, 30.3083, 20.3578
YIQ	150.6050, 34.8450, 1.7650

Conversions

Conversions Part 2

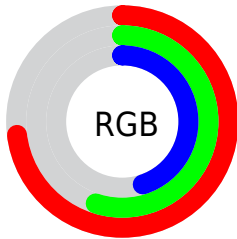
Format	Color
RYB	185, 154, 115
Decimal	12160115
CIELab	61.92, 13.71, 19.98
CIELCh	62, 24.230, 55.548
Yxy	30.3083, 0.3906, 0.3645
Android (android.graphics.Color)	4290350195 (0xFFB98C73)
YUV	150.6050, -17.5533, 30.1644
Hunter-Lab	55.0530, 8.9689, 16.6125

Details

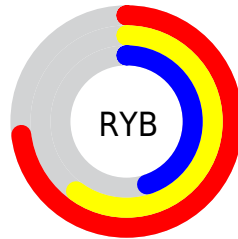
The XYZ color **32.4802, 30.3083, 20.3578** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.3975, 32.2880, 50.6345**, and the grayscale version is **29.3095, 30.8359, 33.5803**.

A 20% lighter version of the original color is **62.8848, 60.2508, 44.8744**, and **13.8752, 12.4634, 6.9846** is the 20% darker color. If you saturate the color by 10%, you get **29.8760, 26.6360, 14.7543**, and if you desaturate by 10%, it is **35.4874, 34.4446, 27.1503**.

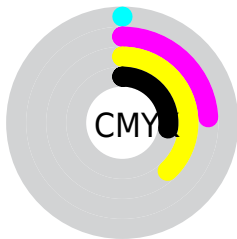
Distribution



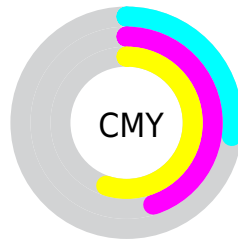
- Red (73%)
- Green (55%)
- Blue (45%)



- Red (73%)
- Yellow (60%)
- 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 32.4802, 30.3083, 20.3578 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 32.4802, 30.3083, 20.3578 by changing the saturation by 10% instead.


 32.4802, 30.3083,
20.3578


 32.4802, 30.3083,
20.3578


305.0075,
303.3389, 266.5136


 21.8859, 20.0727,
12.4687


 62.9233, 60.1494,
44.8831

 13.8892, 12.4479,
6.9374


 83.5027, 80.5237,
62.3564

 8.1248, 7.0495,
3.3451


 108.1412,
105.0464, 83.8615

 4.2274, 3.4931,
1.2734

137.2042,
134.1018, 109.8170

 1.8316, 1.3943,
0.0399

171.0569,
168.0743, 140.6415

 0.5366, 0.2125,
0.0000

210.0648,

 0.0000, 0.0000,

207.3484, 176.7533

0.0000

254.5932,
252.3085, 218.5712

■ 32.4802, 30.3083,
20.3578

■ 32.4802, 30.3083,
20.3578

■ 29.8760, 26.6360,
14.7543

■ 35.4874, 34.4446,
27.1503

■ 27.6537, 23.4063,
10.2683

■ 38.9128, 39.0566,
35.1940

■ 25.7936, 20.6024,
6.8233

■ 42.7735, 44.1610,
44.5487

■ 24.2731, 18.2048,
4.3325

■ 47.0849, 49.7723,
55.2701

■ 23.0661, 16.1918,
2.6943

■ 51.8617, 55.9044,
67.4104

■ 22.1364, 14.5369,
1.7541

■ 57.1179, 62.5706,
81.0192

■ 21.9606, 14.2204,
1.5874

■ 62.8667, 69.7839,
96.1436

■ 67.8057, 77.0305,
105.9024

■ 71.3277, 84.0745,
107.0764

Harmonies

Analogous

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



34.8064, 30.3083, 25.8834



32.4802, 30.3083, 20.3578



29.2938, 30.3083, 18.2077

Triad

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



32.4802, 30.3083, 20.3578



23.0275, 30.3083, 31.6338



31.5805, 30.3083, 51.8745

Complementary

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



32.4802, 30.3083, 20.3578



28.3975, 32.2880, 50.6345

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.



28.3258, 30.3083, 54.1958



32.4802, 30.3083, 20.3578



23.5401, 30.3083, 41.3158

Square

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



32.4802, 30.3083, 20.3578



23.9657, 30.3083, 23.8947



25.4220, 30.3083, 50.0231



34.2603, 30.3083, 44.1678

Rectangle

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



32.4802, 30.3083, 20.3578



27.1680, 30.3083, 18.6140



25.4220, 30.3083, 50.0231



30.5108, 30.3083, 53.3655

Sweetspot

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



32.4810, 30.3097, 20.3584



74.2073, 75.9364, 73.9187



32.5275, 25.1316, 36.6242



15.7955, 16.1036, 15.4444



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.



32.4810, 30.3097, 20.3584



54.4302, 49.0206, 28.3638



38.3350, 42.0179, 22.3098



9.2601, 9.5232, 9.4570



15.0165, 9.8093, 1.1019



0.5890, 0.4651, 0.0587

Inverse Universe

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



28.3975, 32.2880, 50.6345



46.0999, 53.0184, 90.0085



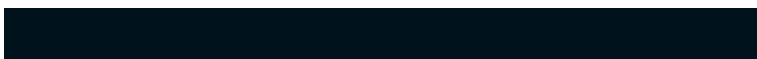
23.2245, 21.9421, 48.9101



8.9895, 9.6562, 11.4695



10.5186, 11.4969, 32.9178



0.4270, 0.5177, 1.1792

Previews

White Background



This preview shows how the XYZ color 32.4802, 30.3083, 20.3578 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 32.4802, 30.3083, 20.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

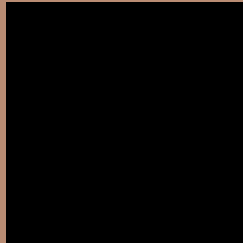
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4802, 30.3083, 20.3578

Background



This preview shows how black text looks on a background with the XYZ color 32.4802, 30.3083, 20.3578.



This preview shows how white text looks on a background with the XYZ color 32.4802, 30.3083,

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

32.4802, 30.3083, 20.3578

Protanopia

28.5342, 30.5155, 21.8389

Deuteranopia

30.9150, 30.3915, 20.1563



Tritanopia

34.7315, 30.3750, 31.2265

Trichromacy



Original Color

32.4802, 30.3083, 20.3578

Protanomaly

29.6973, 30.1906, 21.4017

Deuteranomaly

31.4501, 30.4435, 20.1382

Tritanomaly

33.8124, 30.2054, 26.9698

Monochromacy



Original Color

32.4802, 30.3083, 20.3578

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 32.4802, 30.3083, 20.3578 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, 140, 115)` looks like.

```
.text, #text, p{  
    color:rgb(185, 140, 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, 140, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 140, 115) }
```

Border

The CSS property to change the border of an element to XYZ 32.4802, 30.3083, 20.3578 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, 140, 115) }
```


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

```
.border{ border-color:rgb(185, 140, 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, 140, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 140, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 140, 115);  
box-shadow:4px 4px 4px 4px rgb(185, 140,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4802, 30.3083, 20.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 140, 115) }
```

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

```
.background{ background-color: rgb(185,  
140, 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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