

Converting Colors

XYZ(32.6182, 31.8892, 12.8236)

Have a look what the booklet for
XYZ(32.6182, 31.8892, 12.8236)
contains.

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Color

**XYZ(32.6182, 31.8892,
12.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9254
RGB	188, 146, 84
RGB Percent	74%, 57%, 33%
CMY	0.2627, 0.4274, 0.6706
CMYK	0.00, 0.22, 0.55, 0.26
HSL	36°, 44%, 53%
HSV	36°, 55%, 74%
XYZ	32.6182, 31.8892, 12.8236
YIQ	151.4900, 44.9340, -10.3780

Conversions

Conversions Part 2

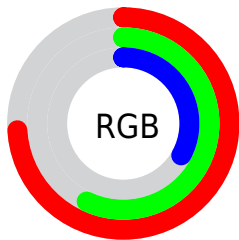
Format	Color
RYB	154, 188, 84
Decimal	12358228
CIELab	63.25, 8.46, 38.61
CIElCh	63, 39.522, 77.638
Yxy	31.8892, 0.4218, 0.4124
Android (android.graphics.Color)	4290548308 (0xFFBC9254)
YUV	151.4900, -33.2726, 32.0193
Hunter-Lab	56.4705, 4.2808, 26.0655

Details

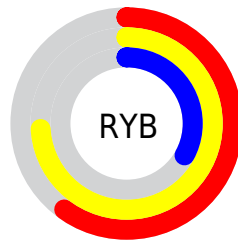
The XYZ color **32.6182, 31.8892, 12.8236** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.1939, 20.4367, 50.4573**, and the grayscale version is **29.7511, 31.3005, 34.0862**.

A 20% lighter version of the original color is **63.0335, 62.6507, 31.6922**, and **14.0170, 13.3987, 3.5165** is the 20% darker color. If you saturate the color by 10%, you get **30.8469, 29.3711, 9.0751**, and if you desaturate by 10%, it is **34.6664, 34.6449, 17.6399**.

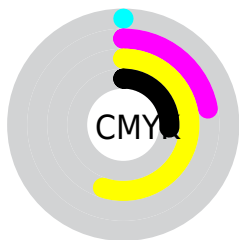
Distribution



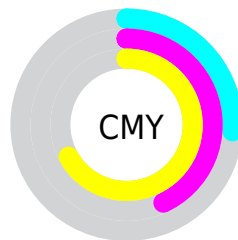
- Red (74%)
- Green (57%)
- Blue (33%)



- Red (60%)
- Yellow (74%)
- Blue (33%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (26%)




- Cyan (26%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6182, 31.8892, 12.8236 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 32.6182, 31.8892, 12.8236 by changing the saturation by 10% instead.


 32.6182, 31.8892,
12.8236


 32.6182, 31.8892,
12.8236


305.6213,
310.6142, 220.9520

 21.9920, 21.2769,
7.1779


 63.1377, 62.6373,
31.6730

 13.9676, 13.3265,
3.4935


 83.7616, 83.5420,
45.7138


 8.1797, 7.6538,
1.3518


 108.4488,
108.6461, 63.3901

 4.2629, 3.8742,
0.1037

 137.5646,
138.3343, 85.1203

 1.8519, 1.6035,
0.0000

 171.4744,
172.9908, 111.3231

 0.5487, 0.3599,
0.0000

210.5436,

 0.0000, 0.0000,

213.0000, 142.4170

0.0000

255.1374,
258.7463, 178.8204

■ 32.6182, 31.8892,
12.8236

■ 32.6182, 31.8892,
12.8236

■ 30.8469, 29.3711,
9.0751

■ 34.6664, 34.6449,
17.6399

■ 29.3325, 27.0765,
6.3068

■ 37.0050, 37.6421,
23.5986

■ 28.0554, 24.9964,
4.4199

■ 39.6493, 40.8907,
30.7696

■ 26.9911, 23.1183,
3.2924

■ 42.6128, 44.3980,
39.2166

■ 26.5425, 22.2983,
2.9051

■ 45.9078, 48.1713,
48.9989

■ 49.5463, 52.2173,
60.1720

■ 53.5393, 56.5426,
72.7882

■ 57.8974, 61.1535,
86.8973

■ 62.6307, 66.0559,
102.5463

Harmonies

Analogous

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



37.9653, 31.8892, 16.8786



32.6182, 31.8892, 12.8236



27.2326, 31.8892, 13.1967

Triad

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



32.6182, 31.8892, 12.8236



21.3489, 31.8892, 44.6744



38.7665, 31.8892, 59.2367

Complementary

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



32.6182, 31.8892, 12.8236



20.1939, 20.4367, 50.4573

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.



33.6104, 31.8892, 72.0759



32.6182, 31.8892, 12.8236



23.7594, 31.8892, 62.0810

Square

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



32.6182, 31.8892, 12.8236



21.1511, 31.8892, 28.6629



28.1128, 31.8892, 73.2502



41.7910, 31.8892, 41.5798

Rectangle

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



32.6182, 31.8892, 12.8236



24.3286, 31.8892, 15.9108



28.1128, 31.8892, 73.2502



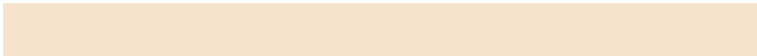
37.1986, 31.8892, 64.4623

Sweetspot

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



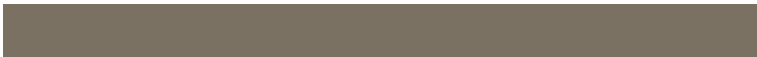
32.6190, 31.8907, 12.8242



76.1300, 79.1812, 67.8860



27.7621, 18.5734, 22.3149



16.1348, 16.7494, 13.9181



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.6190, 31.8907, 12.8242



55.3889, 52.4689, 15.4389



38.2511, 46.2300, 15.2951



9.9903, 10.4565, 10.0684



18.1459, 15.3306, 2.0027



0.7734, 0.7257, 0.0993

Inverse Universe

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



20.1939, 20.4367, 50.4573



30.7031, 29.7588, 90.3520



16.7283, 12.2817, 49.0658



9.3243, 9.8408, 12.0802



8.0047, 6.1211, 33.1525



0.3779, 0.3685, 1.3201

Previews

White Background



This preview shows how the XYZ color 32.6182, 31.8892, 12.8236 looks on a white background.

Color Contrast Check

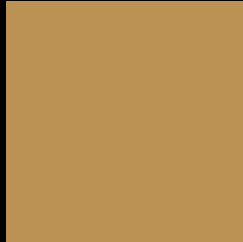
Large Text (above 18pt) WCAG AA × Fail

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 32.6182, 31.8892, 12.8236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

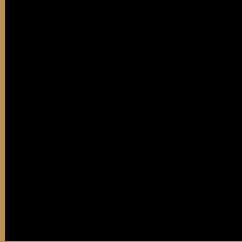
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6182, 31.8892, 12.8236

Background



This preview shows how black text looks on a background with the XYZ color 32.6182, 31.8892, 12.8236.



This preview shows how white text looks on a background with the XYZ color 32.6182, 31.8892,

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

32.6182, 31.8892, 12.8236

Protanopia

29.2600, 31.7954, 13.6118

Deuteranopia

32.6182, 31.8892, 12.8236



Tritanopia

36.5056, 31.6843, 32.6254

Trichromacy



Original Color

32.6182, 31.8892, 12.8236

Protanomaly

30.2653, 31.5985, 13.3081

Deuteranomaly

32.6182, 31.8892, 12.8236

Tritanomaly

34.7124, 31.6068, 23.6732

Monochromacy



Original Color

32.6182, 31.8892, 12.8236

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8881, 30.9197, 24.4715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6182, 31.8892, 12.8236 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(188, 146, 84)` looks like.

```
.text, #text, p{  
    color:rgb(188, 146, 84)  
}
```

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(188, 146, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 146, 84) }
```

Border

The CSS property to change the border of an element to XYZ 32.6182, 31.8892, 12.8236 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(188, 146, 84) }
```


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

```
.border{ border-color:rgb(188, 146, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 146, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 146, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 146, 84);  
box-shadow:4px 4px 4px 4px rgb(188, 146,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6182, 31.8892, 12.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 146, 84) }
```

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

```
.background{ background-color: rgb(188,  
146, 84) }
```

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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