

Converting Colors

XYZ(30.3994, 32.2028, 11.1396)

Have a look what the booklet for
XYZ(30.3994, 32.2028, 11.1396)
contains.

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Color

**XYZ(30.3688, 32.1810,
11.0895)**

Conversions

Conversions Part 1

Format	Color
Hex	B0984A
RGB	176, 152, 74
RGB Percent	69%, 60%, 29%
CMY	0.3098, 0.4039, 0.7098
CMYK	0.00, 0.14, 0.58, 0.31
HSL	46°, 41%, 49%
HSV	46°, 58%, 69%
XYZ	30.3688, 32.1810, 11.0895
YIQ	150.2840, 39.3420, -19.1700

Conversions

Conversions Part 2

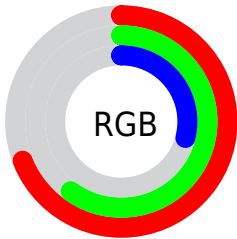
Format	Color
RYB	105, 176, 74
Decimal	11573322
CIELab	63.49, -0.82, 43.66
CIELCh	63, 43.663, 91.072
Yxy	32.1810, 0.4124, 0.4370
Android (android.graphics.Color)	4289763402 (0xFFB0984A)
YUV	150.2840, -37.6080, 22.5529
Hunter-Lab	56.7283, -3.7167, 28.1195

Details

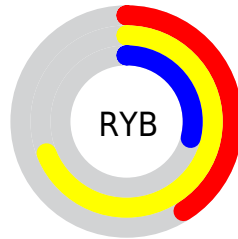
The XYZ color **30.3688, 32.1810, 11.0895** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.0281, 13.3254, 42.8542**, and the grayscale version is **29.2540, 30.7775, 33.5167**.

A 20% lighter version of the original color is **59.7047, 63.1157, 28.4378**, and **12.7037, 13.4383, 2.7884** is the 20% darker color. If you saturate the color by 10%, you get **29.1968, 30.6568, 8.1717**, and if you desaturate by 10%, it is **31.7317, 33.8215, 14.8900**.

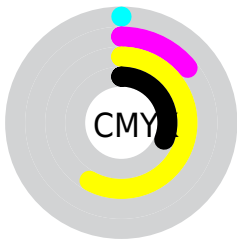
Distribution



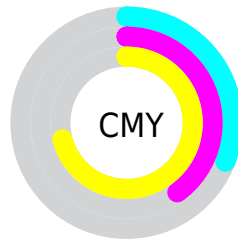
- Red (69%)
- Green (60%)
- Blue (29%)



- Red (41%)
- Yellow (69%)
- Blue (29%)



- Cyan (0%)
- Magenta (14%)
- Yellow (58%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3688, 32.1810, 11.0895 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 30.3688, 32.1810, 11.0895 by changing the saturation by 10% instead.

■ 30.3688, 32.1810,
11.0895

■ 30.3688, 32.1810,
11.0895

295.4988,
311.9429, 209.0400

■ 20.2681, 21.4998,
6.0121

■ 59.6276, 63.0947,
28.4647

■ 12.6995, 13.4898,
2.7836

■ 79.5164, 84.0960,
41.5997

■ 7.2975, 7.7667,
0.9852

■ 103.3986,
109.3062, 58.2575

■ 3.6968, 3.9460,
0.0000

■ 131.6397,
139.1095, 78.8569

■ 1.5321, 1.6434,
0.0000

■ 164.6049,
173.8905, 103.8163

■ 0.3475, 0.3866,
0.0000

202.6595,

■ 0.0000, 0.0000,

214.0334, 133.5542

0.0000

246.1691,
259.9228, 168.4893

■ 30.3688, 32.1810,
11.0895

■ 30.3688, 32.1810,
11.0895

■ 29.1968, 30.6568,
8.1717

■ 31.7317, 33.8215,
14.8900

■ 28.1989, 29.2382,
6.0596

■ 33.2960, 35.5793,
19.6377

■ 27.3590, 27.9196,
4.6664

■ 35.0742, 37.4609,
25.3932

■ 26.6501, 26.6898,
3.8505

■ 37.0767, 39.4709,
32.2115

■ 26.5121, 26.4454,
3.7071

■ 39.3136, 41.6136,
40.1436

■ 41.7942, 43.8932,
49.2372

■ 44.5270, 46.3133,
59.5373

■ 47.5205, 48.8778,
71.0864

■ 50.7826, 51.5900,
83.9250

Harmonies

Analogous

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



36.5990, 32.1810, 13.1423



30.3688, 32.1810, 11.0895



24.9402, 32.1810, 13.4709

Triad

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



30.3688, 32.1810, 11.0895



21.6250, 32.1810, 55.3214



42.0053, 32.1810, 53.8628

Complementary

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



30.3688, 32.1810, 11.0895



15.0281, 13.3254, 42.8542

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.



37.0278, 32.1810, 72.2621



30.3688, 32.1810, 11.0895



25.2724, 32.1810, 73.2821

Square

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



30.3688, 32.1810, 11.0895



20.3221, 32.1810, 35.6700



30.8064, 32.1810, 80.3199



43.8312, 32.1810, 34.4167

Rectangle

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



30.3688, 32.1810, 11.0895



22.3624, 32.1810, 17.9284



30.8064, 32.1810, 80.3199



40.6153, 32.1810, 60.5752

Sweetspot

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



30.3696, 32.1825, 11.0901



67.4980, 71.8347, 59.3016



22.6296, 15.0384, 13.6405



14.4666, 15.4094, 12.2913



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.3696, 32.1825, 11.0901



52.3277, 54.7388, 13.4135



29.4314, 38.0767, 12.2773



9.0242, 9.5610, 9.0224



19.4989, 19.4964, 2.7355



0.6548, 0.6960, 0.0998

Inverse Universe

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



15.0281, 13.3254, 42.8542



21.8770, 17.3860, 76.6981



15.4859, 10.7134, 42.3259



8.1989, 8.5440, 10.7234



6.3804, 3.5613, 30.4881



0.2460, 0.2026, 0.9744

Previews

White Background



This preview shows how the XYZ color 30.3688, 32.1810, 11.0895 looks on a white background.

Color Contrast Check

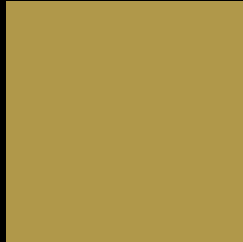
Large Text (above 18pt) WCAG AA × Fail

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 30.3688, 32.1810, 11.0895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

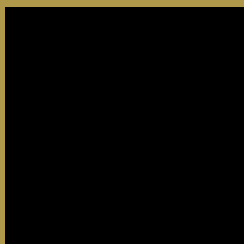
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3688, 32.1810, 11.0895

Background



This preview shows how black text looks on a background with the XYZ color 30.3688, 32.1810, 11.0895.



This preview shows how white text looks on a background with the XYZ color 30.3688, 32.1810,

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

30.3688, 32.1810, 11.0895

Protanopia

29.4032, 32.1652, 11.3154

Deuteranopia

32.9389, 32.3226, 11.1594



Tritanopia

35.1836, 32.0453, 34.9028

Trichromacy



Original Color

30.3688, 32.1810, 11.0895

Protanomaly

29.6745, 32.0611, 11.2810

Deuteranomaly

32.0250, 32.3172, 11.2065

Tritanomaly

32.8029, 31.7417, 23.7999

Monochromacy



Original Color

30.3688, 32.1810, 11.0895

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8775, 30.9093, 22.8564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3688, 32.1810, 11.0895 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(176, 152, 74)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 74)  
}
```

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(176, 152, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 74) }
```

Border

The CSS property to change the border of an element to XYZ 30.3688, 32.1810, 11.0895 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(176, 152, 74) }
```


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

```
.border{ border-color:rgb(176, 152, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 152, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 152, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 152, 74);  
box-shadow:4px 4px 4px 4px rgb(176, 152,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3688, 32.1810, 11.0895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 74) }
```

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

```
.background{ background-color: rgb(176,  
152, 74) }
```

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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