

Converting Colors

XYZ(30.7389, 32.4621, 7.0286)

Have a look what the booklet for
XYZ(30.7389, 32.4621, 7.0286)
contains.

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Color

**XYZ(30.7389, 32.4621,
7.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	B5982C
RGB	181, 152, 44
RGB Percent	71%, 60%, 17%
CMY	0.2902, 0.4039, 0.8274
CMYK	0.00, 0.16, 0.76, 0.29
HSL	47°, 61%, 44%
HSV	47°, 76%, 71%
XYZ	30.7389, 32.4621, 7.0286
YIQ	148.3590, 51.9520, -27.4400

Conversions

Conversions Part 2

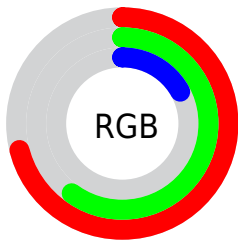
Format	Color
R _Y B	81, 181, 44
Decimal	11900972
CIE Lab	63.72, -0.43, 57.22
CIE LCh	64, 57.226, 90.429
Yxy	32.4621, 0.4377, 0.4622
Android (android.graphics.Color)	4290091052 (0xFFB5982C)
YUV	148.3590, -51.4490, 28.6262
Hunter-Lab	56.9755, -3.4045, 32.5687

Details

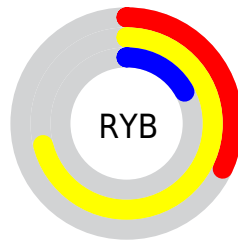
The XYZ color **30.7389, 32.4621, 7.0286** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.7617, 8.6366, 44.7628**, and the grayscale version is **28.4924, 29.9762, 32.6441**.

A 20% lighter version of the original color is **60.2111, 63.5497, 20.6481**, and **12.9659, 13.5924, 1.9402** is the 20% darker color. If you saturate the color by 10%, you get **29.8585, 31.1324, 5.4071**, and if you desaturate by 10%, it is **31.7892, 33.8945, 9.4392**.

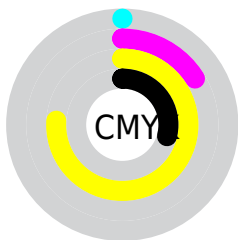
Distribution



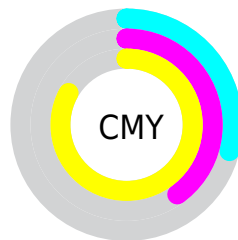
- Red (71%)
- Green (60%)
- Blue (17%)



- Red (32%)
- Yellow (71%)
- Blue (17%)



- Cyan (0%)
- Magenta (16%)
- Yellow (76%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7389, 32.4621, 7.0286 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 30.7389, 32.4621, 7.0286 by changing the saturation by 10% instead.


 30.7389, 32.4621,
7.0286

 30.7389, 32.4621,
7.0286


297.1820,
313.2189, 177.5411

 20.5510, 21.7147,
3.4013


 60.2074, 63.5348,
20.5446


 12.9068, 13.6474,
1.3030


 80.2187, 84.6289,
31.2703

 7.4409, 7.8759,
0.0642


 104.2351,
109.9407, 45.1992

 3.7881, 4.0156,
0.0000

 132.6220,
139.8546, 62.7499

 1.5830, 1.6823,
0.0000

 165.7449,
174.7550, 84.3409

 0.3813, 0.4122,
0.0000

 203.9689,

 0.0000, 0.0000,

215.0262, 110.3908

0.0000

247.6595,
261.0527, 141.3180

■ 30.7389, 32.4621,
7.0286

■ 30.7389, 32.4621,
7.0286

■ 29.8585, 31.1324,
5.4071

■ 31.7892, 33.8945,
9.4392

■ 29.1240, 29.8915,
4.4588

■ 33.0245, 35.4320,
12.7275

■ 28.8321, 29.3762,
4.1506

■ 34.4605, 37.0826,
16.9720

■ 36.1107, 38.8518,
22.2423

■ 37.9871, 40.7448,
28.6013

■ 40.1009, 42.7664,
36.1069

■ 42.4624, 44.9208,
44.8127

■ 45.0815, 47.2124,
54.7693

■ 47.9671, 49.6451,
66.0240

Harmonies

Analogous

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



39.1036, 32.4621, 9.1747



30.7389, 32.4621, 7.0286



23.6871, 32.4621, 9.3100

Triad

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



30.7389, 32.4621, 7.0286



19.3801, 32.4621, 62.7506



46.2967, 32.4621, 61.9144

Complementary

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



30.7389, 32.4621, 7.0286



11.7617, 8.6366, 44.7628

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.



39.3384, 32.4621, 88.7109



30.7389, 32.4621, 7.0286



23.8552, 32.4621, 89.3232

Square

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



30.7389, 32.4621, 7.0286



17.8645, 32.4621, 35.6775



30.9699, 32.4621, 100.4194



48.9778, 32.4621, 35.0160

Rectangle

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



30.7389, 32.4621, 7.0286



20.4321, 32.4621, 14.0223



30.9699, 32.4621, 100.4194



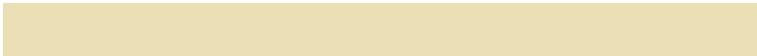
44.3270, 32.4621, 71.5860

Sweetspot

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



30.7396, 32.4637, 7.0292



68.8686, 73.7873, 54.1363



21.1822, 12.1155, 7.6454



14.6083, 15.6773, 10.7375



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.



30.7396, 32.4637, 7.0292



52.5529, 54.2236, 8.4114



28.1653, 38.9964, 8.4259



9.0414, 9.5952, 9.0281



19.9280, 20.3545, 2.8785



0.6653, 0.7170, 0.1033

Inverse Universe

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



11.7617, 8.6366, 44.7628



17.2149, 10.0670, 79.3304



12.7926, 6.9686, 44.3865



8.1829, 8.5120, 10.7180



6.2766, 3.3536, 30.4535



0.2395, 0.1895, 0.9722

Previews

White Background



This preview shows how the XYZ color 30.7389, 32.4621, 7.0286 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 30.7389, 32.4621, 7.0286 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 30.7389, 32.4621, 7.0286

Background



This preview shows how black text looks on a background with the XYZ color 30.7389, 32.4621, 7.0286.



This preview shows how white text looks on a background with the XYZ color 30.7389, 32.4621,

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

30.7389, 32.4621, 7.0286

Protanopia

29.4286, 32.5164, 7.2079

Deuteranopia

33.1750, 32.5340, 7.1160



Tritanopia

36.4090, 32.4647, 34.4843

Trichromacy



Original Color

30.7389, 32.4621, 7.0286

Protanomaly

29.9338, 32.5308, 7.1840

Deuteranomaly

32.2074, 32.5032, 7.0589

Tritanomaly

33.5092, 32.1891, 20.0698

Monochromacy



Original Color

30.7389, 32.4621, 7.0286

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0591, 30.0943, 19.0818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7389, 32.4621, 7.0286 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(181, 152, 44)` looks like.

```
.text, #text, p{  
    color:rgb(181, 152, 44)  
}
```

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(181, 152, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 44) }
```

Border

The CSS property to change the border of an element to XYZ 30.7389, 32.4621, 7.0286 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(181, 152, 44) }
```


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

```
.border{ border-color:rgb(181, 152, 44) }
```

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

Here you see how a box with a 4 pixel rgb(181, 152, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 44);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7389, 32.4621, 7.0286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 152, 44) }
```

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

```
.background{ background-color: rgb(181,  
152, 44) }
```

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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