

Converting Colors

XYZ(30.7881, 32.5044, 7.1605)

Have a look what the booklet for
XYZ(30.7881, 32.5044, 7.1605)
contains.

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Color

**XYZ(30.7579, 32.4697,
7.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	B5982D
RGB	181, 152, 45
RGB Percent	71%, 60%, 18%
CMY	0.2902, 0.4039, 0.8235
CMYK	0.00, 0.16, 0.75, 0.29
HSL	47°, 60%, 44%
HSV	47°, 75%, 71%
XYZ	30.7579, 32.4697, 7.1288
YIQ	148.4730, 51.6310, -27.1290

Conversions

Conversions Part 2

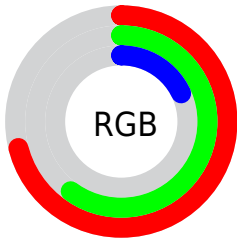
Format	Color
R _Y B	82, 181, 45
Decimal	11900973
CIE Lab	63.73, -0.38, 56.86
CIE LCh	64, 56.857, 90.388
Yxy	32.4697, 0.4372, 0.4615
Android (android.graphics.Color)	4290091053 (0xFFB5982D)
YUV	148.4730, -51.0122, 28.5262
Hunter-Lab	56.9822, -3.3679, 32.4700

Details

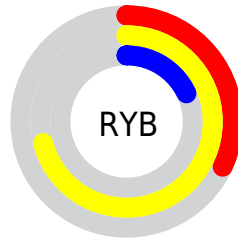
The XYZ color **30.7579, 32.4697, 7.1288** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.8714, 8.7914, 44.7868**, and the grayscale version is **28.5386, 30.0248, 32.6970**.

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 **29.8654, 31.1280, 5.4653**, and if you desaturate by 10%, it is **31.8216, 33.9150, 9.5869**.

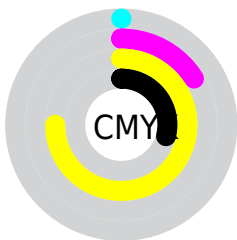
Distribution



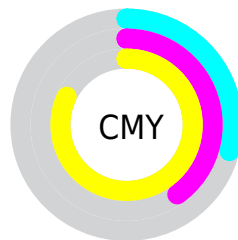
- Red (71%)
- Green (60%)
- Blue (18%)



- Red (32%)
- Yellow (71%)
- Blue (18%)



- Cyan (0%)
- Magenta (16%)
- Yellow (75%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7579, 32.4697, 7.1288 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 30.7579, 32.4697, 7.1288 by changing the saturation by 10% instead.


 30.7579, 32.4697,
7.1288


 30.7579, 32.4697,
7.1288


297.2682,
313.2534, 178.4010


 20.5655, 21.7205,
3.4631


 60.2371, 63.5467,
20.7491

 12.9174, 13.6517,
1.3357

 80.2547, 84.6433,
31.5408

 7.4483, 7.8788,
0.0908


 104.2780,
109.9579, 45.5450

 3.7928, 4.0175,
0.0000

 132.6724,
139.8747, 63.1801

 1.5856, 1.6834,
0.0000

 165.8033,
174.7783, 84.8647

 0.3830, 0.4128,
0.0000

 204.0360,

 0.0000, 0.0000,

215.0530, 111.0174

0.0000

247.7358,
261.0832, 142.0566

■ 30.7579, 32.4697,
7.1288

■ 30.7579, 32.4697,
7.1288

■ 29.8654, 31.1280,
5.4653

■ 31.8216, 33.9150,
9.5869

■ 29.1209, 29.8766,
4.4847

■ 33.0715, 35.4664,
12.9273

■ 28.7900, 29.2920,
4.1365

■ 34.5233, 37.1318,
17.2282

■ 36.1901, 38.9167,
22.5585

■ 38.0841, 40.8262,
28.9810

■ 40.2164, 42.8652,
36.5531

■ 42.5973, 45.0379,
45.3286

■ 45.2366, 47.3487,
55.3575

■ 48.1433, 49.8013,
66.6872

Harmonies

Analogous

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



39.0659, 32.4697, 9.2857



30.7579, 32.4697, 7.1288



23.7434, 32.4697, 9.4080

Triad

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



30.7579, 32.4697, 7.1288



19.4442, 32.4697, 62.5116



46.1857, 32.4697, 61.7625

Complementary

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



30.7579, 32.4697, 7.1288



11.8714, 8.7914, 44.7868

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.



39.2764, 32.4697, 88.3031



30.7579, 32.4697, 7.1288



23.8946, 32.4697, 88.8509

Square

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



30.7579, 32.4697, 7.1288



17.9386, 32.4697, 35.6518



30.9653, 32.4697, 99.8664



48.8525, 32.4697, 35.0578

Rectangle

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



30.7579, 32.4697, 7.1288



20.5013, 32.4697, 14.1117



30.9653, 32.4697, 99.8664



44.2297, 32.4697, 71.3483

Sweetspot

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



30.7586, 32.4713, 7.1294



68.8462, 73.7425, 54.1288



21.2463, 12.2015, 7.7971



14.6028, 15.6662, 10.7357



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.



30.7586, 32.4713, 7.1294



52.6121, 54.3053, 8.5440



28.2331, 39.0291, 8.5283



9.0402, 9.5930, 9.0277



19.8992, 20.2970, 2.8689



0.6646, 0.7156, 0.1031

Inverse Universe

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



11.8714, 8.7914, 44.7868



17.3976, 10.3546, 79.3763



12.8937, 7.0767, 44.4020



8.1840, 8.5141, 10.7184



6.2831, 3.3666, 30.4557



0.2399, 0.1904, 0.9723

Previews

White Background



This preview shows how the XYZ color 30.7579, 32.4697, 7.1288 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 30.7579, 32.4697, 7.1288 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 30.7579, 32.4697, 7.1288

Background



This preview shows how black text looks on a background with the XYZ color 30.7579, 32.4697, 7.1288.



This preview shows how white text looks on a background with the XYZ color 30.7579, 32.4697,

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

30.7579, 32.4697, 7.1288

Protanopia

29.4481, 32.5242, 7.3105

Deuteranopia

33.1949, 32.5420, 7.2210



Tritanopia

36.4090, 32.4647, 34.4843

Trichromacy



Original Color

30.7579, 32.4697, 7.1288

Protanomaly

29.9532, 32.5386, 7.2866

Deuteranomaly

32.2269, 32.5110, 7.1615

Tritanomaly

33.5658, 32.2118, 20.3680

Monochromacy



Original Color

30.7579, 32.4697, 7.1288

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1139, 30.1162, 19.3702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7579, 32.4697, 7.1288 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, 45)` looks like.

```
.text, #text, p{  
    color:rgb(181, 152, 45)  
}
```

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, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 45) }
```

Border

The CSS property to change the border of an element to XYZ 30.7579, 32.4697, 7.1288 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, 45) }
```


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

```
.border{ border-color:rgb(181, 152, 45) }
```

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, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 45);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7579, 32.4697, 7.1288 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, 45) }
```

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

```
.background{ background-color: rgb(181,  
152, 45) }
```

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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