

Converting Colors

XYZ(30.7586, 33.9609, 7.0318)

Have a look what the booklet for
XYZ(30.7586, 33.9609, 7.0318)
contains.

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Color

**XYZ(30.7586, 33.9609,
7.0318)**

Conversions

Conversions Part 1

Format	Color
Hex	B19E29
RGB	177, 158, 41
RGB Percent	69%, 62%, 16%
CMY	0.3059, 0.3804, 0.8392
CMYK	0.00, 0.11, 0.77, 0.31
HSL	52°, 62%, 43%
HSV	52°, 77%, 69%
XYZ	30.7586, 33.9609, 7.0318
YIQ	150.3430, 48.8810, -32.3590

Conversions

Conversions Part 2

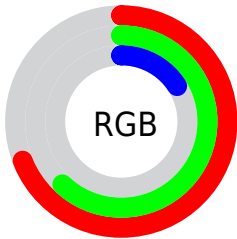
Format	Color
RYB	63, 177, 41
Decimal	11640361
CIELab	64.93, -5.56, 59.30
CIELCh	65, 59.556, 95.361
Yxy	33.9609, 0.4287, 0.4733
Android (android.graphics.Color)	4289830441 (0xFFB19E29)
YUV	150.3430, -53.9061, 23.3782
Hunter-Lab	58.2760, -7.7690, 33.6390

Details

The XYZ color **30.7586, 33.9609, 7.0318** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.4663, 6.8775, 42.3707**, and the grayscale version is **29.3437, 30.8719, 33.6195**.

A 20% lighter version of the original color is **60.2469, 65.7644, 20.5848**, and **13.0034, 14.5085, 2.1151** is the 20% darker color. If you saturate the color by 10%, you get **30.0993, 33.0305, 5.6158**, and if you desaturate by 10%, it is **31.5668, 34.9671, 9.1832**.

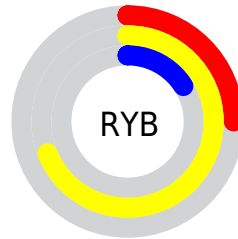
Distribution



Red (69%)

Green (62%)

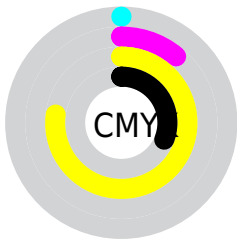
Blue (16%)



Red (25%)

Yellow (69%)

Blue (16%)

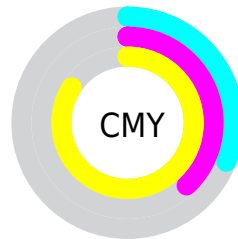


Cyan (0%)

Magenta (11%)

Yellow (77%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7586, 33.9609, 7.0318 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 30.7586, 33.9609, 7.0318 by changing the saturation by 10% instead.


 30.7586, 33.9609,
7.0318


 30.7586, 33.9609,
7.0318


297.2714,
319.9577, 177.5686


 20.5660, 22.8636,
3.4032


 60.2382, 65.8729,
20.5511


 12.9178, 14.4928,
1.3040


 80.2560, 87.4563,
31.2790

 7.4486, 8.4642,
0.0651


 104.2796,
113.3038, 45.2103

 3.7930, 4.3934,
0.0000

 132.6743,
143.7999, 62.7637

 1.5857, 1.8960,
0.0000

 165.8054,
179.3290, 84.3577

 0.3831, 0.5460,
0.0000

 204.0384,

 0.0000, 0.0000,

220.2754, 110.4108

0.0000

247.7387,
267.0235, 141.3416

■ 30.7586, 33.9609,
7.0318

■ 30.7586, 33.9609,
7.0318

■ 30.0993, 33.0305,
5.6158

■ 31.5668, 34.9671,
9.1832

■ 29.5632, 32.1615,
4.8106

■ 32.5382, 36.0509,
12.1550

■ 29.4047, 31.8937,
4.6063

■ 33.6877, 37.2196,
16.0229

■ 35.0282, 38.4786,
20.8532

■ 36.5709, 39.8323,
26.7061

■ 38.3265, 41.2852,
33.6368

■ 40.3047, 42.8411,
41.6966

■ 42.5147, 44.5039,
50.9335

■ 44.9651, 46.2770,
61.3928

Harmonies

Analogous

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



39.6733, 33.9609, 8.4780



30.7586, 33.9609, 7.0318



23.6252, 33.9609, 10.2455

Triad

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



30.7586, 33.9609, 7.0318



20.5864, 33.9609, 71.7049



49.7586, 33.9609, 60.4372

Complementary

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



30.7586, 33.9609, 7.0318



10.4663, 6.8775, 42.3707

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.



42.8231, 33.9609, 90.5900



30.7586, 33.9609, 7.0318



25.8655, 33.9609, 98.8699

Square

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



30.7586, 33.9609, 7.0318



18.4581, 33.9609, 41.5804



33.8483, 33.9609, 106.9877



51.6953, 33.9609, 32.7277

Rectangle

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



30.7586, 33.9609, 7.0318



20.4979, 33.9609, 16.0663



33.8483, 33.9609, 106.9877



47.8810, 33.9609, 70.9469

Sweetspot

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



30.7594, 33.9625, 7.0325



66.5354, 72.2135, 51.8780



19.7777, 11.2746, 5.6060



14.1884, 15.4551, 10.3422



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.



30.7594, 33.9625, 7.0325



53.2414, 58.0980, 8.9957



25.2368, 36.3029, 7.7753



9.0939, 9.7002, 9.0456



21.3380, 23.1746, 3.3485



0.6991, 0.7845, 0.1146

Inverse Universe

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



10.4663, 6.8775, 42.3707



15.5199, 7.9189, 75.2058



12.8107, 6.8648, 42.2447



8.1346, 8.4153, 10.7019



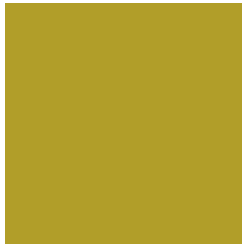
6.0248, 2.8499, 30.3695



0.2196, 0.1497, 0.9656

Previews

White Background



This preview shows how the XYZ color 30.7586, 33.9609, 7.0318 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 30.7586, 33.9609, 7.0318 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 30.7586, 33.9609, 7.0318

Background



This preview shows how black text looks on a background with the XYZ color 30.7586, 33.9609, 7.0318.



This preview shows how white text looks on a background with the XYZ color 30.7586, 33.9609,

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

30.7586, 33.9609, 7.0318

Protanopia

30.7586, 33.9609, 7.0318

Deuteranopia

34.6687, 34.0079, 7.2196



Tritanopia

36.9414, 33.8097, 37.3798

Trichromacy



Original Color

30.7586, 33.9609, 7.0318

Protanomaly

30.7586, 33.9609, 7.0318

Deuteranomaly

33.0811, 33.9115, 7.1849

Tritanomaly

33.7474, 33.4615, 21.2030

Monochromacy



Original Color

30.7586, 33.9609, 7.0318

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7029, 31.3818, 19.2963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7586, 33.9609, 7.0318 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(177, 158, 41)` looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 41)  
}
```

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(177, 158, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 41) }
```

Border

The CSS property to change the border of an element to XYZ 30.7586, 33.9609, 7.0318 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(177, 158, 41) }
```


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

```
.border{ border-color:rgb(177, 158, 41) }
```

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

Here you see how a box with a 4 pixel rgb(177, 158, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 41);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7586, 33.9609, 7.0318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 41) }
```

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

```
.background{ background-color: rgb(177,  
158, 41) }
```

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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