

Converting Colors

XYZ(37.6140, 41.8370, 32.0798)

Have a look what the booklet for
XYZ(37.6140, 41.8370, 32.0798)
contains.

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Color

**XYZ(37.7168, 41.9181,
32.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB08F
RGB	173, 176, 143
RGB Percent	68%, 69%, 56%
CMY	0.3216, 0.3098, 0.4392
CMYK	0.02, 0.00, 0.19, 0.31
HSL	65°, 17%, 63%
HSV	65°, 19%, 69%
XYZ	37.7168, 41.9181, 32.0897
YIQ	171.3410, 8.8050, -10.8990

Conversions

Conversions Part 2

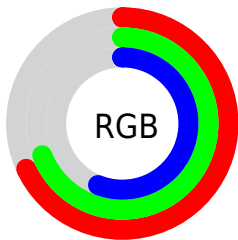
Format	Color
RYB	143, 176, 146
Decimal	11382927
CIELab	70.81, -6.77, 16.58
CIELCh	71, 17.914, 112.221
Yxy	41.9181, 0.3376, 0.3752
Android (android.graphics.Color)	4289573007 (0xFFADB08F)
YUV	171.3410, -13.9721, 1.4549
Hunter-Lab	64.7442, -9.3170, 15.9345

Details

The XYZ color **37.7168, 41.9181, 32.0897** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.5147, 28.8917, 45.0977**, and the grayscale version is **38.9461, 40.9743, 44.6210**.

A 20% lighter version of the original color is **71.2478, 78.4025, 64.2014**, and **16.9292, 19.1987, 13.1694** is the 20% darker color. If you saturate the color by 10%, you get **36.1350, 41.2461, 25.5934**, and if you desaturate by 10%, it is **39.5143, 42.6797, 39.6898**.

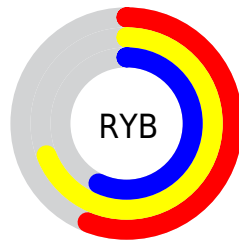
Distribution



Red (68%)

Green (69%)

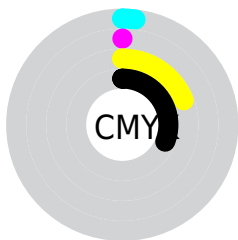
Blue (56%)



Red (56%)

Yellow (69%)

Blue (57%)

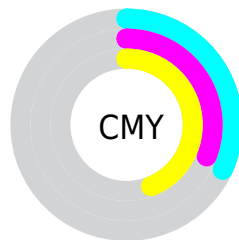


Cyan (2%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7168, 41.9181, 32.0897 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 37.7168, 41.9181, 32.0897 by changing the saturation by 10% instead.

■ 37.7168, 41.9181,
32.0897

■ 37.7168, 41.9181,
32.0897

327.7055,
354.1433, 326.0330

■ 25.9392, 29.0372,
21.1646

■ 70.9806, 78.0757,
64.0512

■ 16.9106, 19.1089,
13.0520

■ 93.1974, 102.1211,
85.9248

■ 10.2657, 11.7490,
7.3332

119.6247,
130.6568, 112.2849

■ 5.6391, 6.5730,
3.5898

150.6278,
164.0671, 143.5501

■ 2.6654, 3.1965,
1.4031

186.5721,
202.7366, 180.1390

■ 0.9794, 1.2352,
0.1441

227.8229,

■ 0.0000, 0.0902,

247.0495, 222.4701

0.0000

274.7456,
297.3903, 270.9619

■ 0.0000, 0.0000,
0.0000

■ 37.7168, 41.9181,
32.0897

■ 37.7168, 41.9181,
32.0897

■ 36.1350, 41.2461,
25.5934

■ 39.5143, 42.6797,
39.6898

■ 34.7559, 40.6542,
20.1470

■ 41.5333, 43.5289,
48.4390

■ 33.5699, 40.1402,
15.6961


■ 43.7834, 44.4712,
58.3831


■ 32.5657, 39.6993,
12.1803


■ 46.2729, 45.5096,
69.5649


■ 31.7306, 39.3265,
9.5327


■ 49.0093, 46.6473,
82.0249

 31.0501, 39.0160,
7.6776


 52.0001, 47.8873,
95.8017


 30.5073, 38.7611,
6.5262

 53.3951, 48.4895,
101.1529

 30.0720, 38.5497,
5.9190

 53.7817, 48.6888,
101.1710

 30.0199, 38.5242,
5.8537

 54.1727, 48.8903,
101.1893

Harmonies

Analogous

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



40.6214, 41.9181, 31.2539



37.7168, 41.9181, 32.0897



35.4882, 41.9181, 36.3203

Triad

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



37.7168, 41.9181, 32.0897



36.4382, 41.9181, 59.8583



45.7846, 41.9181, 47.8959

Complementary

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



37.7168, 41.9181, 32.0897



29.5147, 28.8917, 45.0977

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.



44.5379, 41.9181, 56.4352



37.7168, 41.9181, 32.0897



39.0724, 41.9181, 63.8803

Square

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



37.7168, 41.9181, 32.0897



34.7760, 41.9181, 52.1241



42.0454, 41.9181, 62.5554



45.3773, 41.9181, 39.7203

Rectangle

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



37.7168, 41.9181, 32.0897



34.6376, 41.9181, 40.8184



42.0454, 41.9181, 62.5554



45.5430, 41.9181, 50.8307

Sweetspot

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



37.7179, 41.9200, 32.0906



72.5908, 77.7940, 75.9727



33.1042, 31.6952, 30.3602



15.6831, 16.8388, 16.2557



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.



37.7179, 41.9200, 32.0906



67.0216, 75.4372, 52.4746



34.3407, 40.1789, 31.9325



9.1193, 9.8666, 9.0763



22.0507, 28.2776, 4.2959



0.7159, 0.9011, 0.1362

Inverse Universe

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



29.5147, 28.8917, 45.0977



49.0570, 46.9037, 80.9630



32.6114, 30.4881, 45.2427



8.1113, 8.2659, 10.6743



5.9298, 2.3927, 30.2863



0.2100, 0.0873, 0.9540

Previews

White Background



This preview shows how the XYZ color 37.7168, 41.9181, 32.0897 looks on a white background.

Color Contrast Check

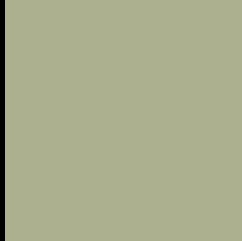
Large Text (above 18pt) WCAG AA × Fail

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 37.7168, 41.9181, 32.0897 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

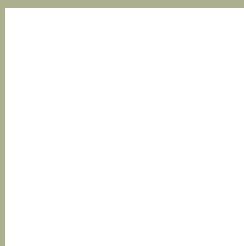
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7168, 41.9181, 32.0897

Background



This preview shows how black text looks on a background with the XYZ color 37.7168, 41.9181, 32.0897.



This preview shows how white text looks on a background with the XYZ color 37.7168, 41.9181,

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

37.7168, 41.9181, 32.0897

Protanopia

39.2797, 41.8775, 31.2122

Deuteranopia

42.7490, 41.9611, 32.6343



Tritanopia

41.6169, 41.7938, 51.2210

Trichromacy



Original Color

37.7168, 41.9181, 32.0897

Protanomaly

38.6089, 41.8088, 31.6262

Deuteranomaly

40.6440, 41.7102, 32.2943

Tritanomaly

40.0454, 41.7167, 43.4776

Monochromacy



Original Color

37.7168, 41.9181, 32.0897

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3899, 41.2310, 39.6532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7168, 41.9181, 32.0897 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(173, 176, 143)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 143)  
}
```

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(173, 176, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 143) }
```

Border

The CSS property to change the border of an element to XYZ 37.7168, 41.9181, 32.0897 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(173, 176, 143) }
```


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

```
.border{ border-color:rgb(173, 176, 143) }
```

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

Here you see how a box with a 4 pixel rgb(173, 176, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 143);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7168, 41.9181, 32.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 143) }
```

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

```
.background{ background-color: rgb(173,  
176, 143) }
```

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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