

Converting Colors

XYZ(37.2642, 41.6920, 31.1990)

Have a look what the booklet for
XYZ(37.2642, 41.6920, 31.1990)
contains.

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Color

**XYZ(37.3463, 41.7444,
31.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB08D
RGB	172, 176, 141
RGB Percent	67%, 69%, 55%
CMY	0.3255, 0.3098, 0.4471
CMYK	0.02, 0.00, 0.20, 0.31
HSL	67°, 18%, 62%
HSV	67°, 20%, 69%
XYZ	37.3463, 41.7444, 31.2884
YIQ	170.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

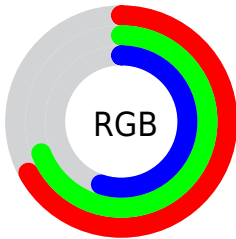
Format	Color
RYB	141, 176, 145
Decimal	11317389
CIELab	70.69, -7.46, 17.49
CIELCh	71, 19.020, 113.107
Yxy	41.7444, 0.3383, 0.3782
Android (android.graphics.Color)	4289507469 (0xFFACB08D)
YUV	170.8140, -14.6983, 1.0401
Hunter-Lab	64.6099, -9.8894, 16.5148

Details

The XYZ color **37.3463, 41.7444, 31.2884** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.0400, 28.2052, 44.9902**, and the grayscale version is **38.6845, 40.6992, 44.3214**.

A 20% lighter version of the original color is **70.7018, 78.1473, 62.9873**, and **16.7037, 19.0926, 12.7024** is the 20% darker color. If you saturate the color by 10%, you get **35.7013, 41.0372, 24.9101**, and if you desaturate by 10%, it is **39.2083, 42.5421, 38.7650**.

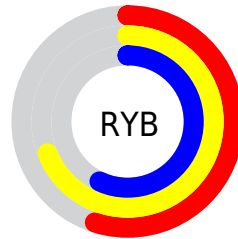
Distribution



Red (67%)

Green (69%)

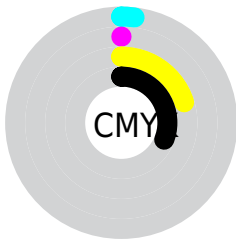
Blue (55%)



Red (55%)

Yellow (69%)

Blue (57%)

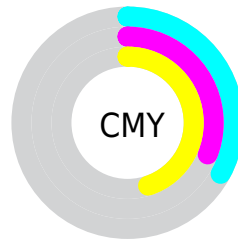


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3463, 41.7444, 31.2884 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 37.3463, 41.7444, 31.2884 by changing the saturation by 10% instead.

■ 37.3463, 41.7444,
31.2884

■ 37.3463, 41.7444,
31.2884

326.1369,
353.4223, 322.2570

■ 25.6506, 28.9012,
20.5583

■ 70.4155, 77.8126,
62.7787

■ 16.6938, 19.0061,
12.6134

■ 92.5197, 101.8065,
84.3760

■ 10.1103, 11.6747,
7.0353

■ 118.8241,
130.2860, 110.4327

■ 5.5350, 6.5226,
3.4054

149.6941,
163.6355, 141.3674

■ 2.6024, 3.1654,
1.3052

185.4950,
202.2395, 177.5987

■ 0.9472, 1.2187,
0.0660

226.5922,

■ 0.0000, 0.0769,

246.4824, 219.5450

0.0000

273.3511,
296.7485, 267.6249

■ 0.0000, 0.0000,
0.0000

■ 37.3463, 41.7444,
31.2884

■ 37.3463, 41.7444,
31.2884

■ 35.7013, 41.0372,
24.9101

■ 39.2083, 42.5421,
38.7650

■ 34.2603, 40.4108,
19.5757

■ 41.2933, 43.4283,
47.3855

■ 33.0136, 39.8630,
15.2304


■ 43.6110, 44.4083,
57.1960


■ 31.9497, 39.3891,
11.8130


■ 46.1696, 45.4855,
68.2396


■ 31.0557, 38.9839,
9.2559


■ 48.9768, 46.6630,
80.5569


 30.3169, 38.6416,
7.4820


 52.0400, 47.9436,
94.1870

 29.7161, 38.3551,
6.4007

 53.8486, 48.7232,
101.1741

 29.2171, 38.1102,
5.8218

 54.3415, 48.9773,
101.1972

 29.2117, 38.1075,
5.8159

 54.8414, 49.2350,
101.2206

Harmonies

Analogous

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



40.4084, 41.7444, 30.3113



37.3463, 41.7444, 31.2884



35.0260, 41.7444, 35.8117

Triad

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



37.3463, 41.7444, 31.2884



36.1497, 41.7444, 60.7894



46.0006, 41.7444, 47.5669

Complementary

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



37.3463, 41.7444, 31.2884



29.0400, 28.2052, 44.9902

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.



44.7221, 41.7444, 56.6848



37.3463, 41.7444, 31.2884



38.9541, 41.7444, 64.9460

Square

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



37.3463, 41.7444, 31.2884



34.3611, 41.7444, 52.6078



42.1023, 41.7444, 63.3524



45.5142, 41.7444, 38.9775

Rectangle

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



37.3463, 41.7444, 31.2884



34.1575, 41.7444, 40.5947



42.1023, 41.7444, 63.3524



45.7608, 41.7444, 50.6832

Sweetspot

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



37.3474, 41.7462, 31.2893



72.4887, 77.7413, 75.9679



32.7628, 31.2526, 29.5055



15.6588, 16.8262, 16.2546



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.



37.3474, 41.7462, 31.2893



66.3318, 75.1078, 51.2606



33.8521, 39.9444, 31.1257



9.0995, 9.8563, 9.0754



21.4633, 27.9748, 4.2684



0.7023, 0.8941, 0.1356

Inverse Universe

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



29.0400, 28.2052, 44.9902



48.4207, 45.9098, 80.8047



32.2630, 29.8667, 45.1410



8.1293, 8.2752, 10.6751



5.9900, 2.4238, 30.2891



0.2174, 0.0912, 0.9544

Previews

White Background



This preview shows how the XYZ color 37.3463, 41.7444, 31.2884 looks on a white background.

Color Contrast Check

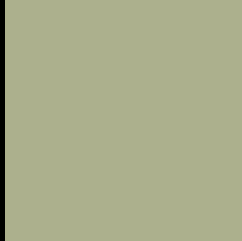
Large Text (above 18pt) WCAG AA × Fail

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 37.3463, 41.7444, 31.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

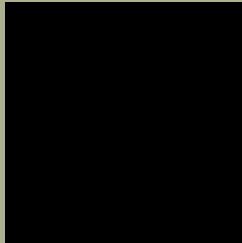
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3463, 41.7444, 31.2884

Background



This preview shows how black text looks on a background with the XYZ color 37.3463, 41.7444, 31.2884.



This preview shows how white text looks on a background with the XYZ color 37.3463, 41.7444,

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

37.3463, 41.7444, 31.2884

Protanopia

38.9412, 41.4364, 30.3717

Deuteranopia

42.4136, 41.5350, 31.7682



Tritanopia

41.3866, 41.6751, 51.2102

Trichromacy



Original Color

37.3463, 41.7444, 31.2884

Protanomaly

38.2676, 41.3643, 30.7781

Deuteranomaly

40.4924, 41.6496, 31.4962

Tritanomaly

39.7249, 41.5623, 42.9744

Monochromacy



Original Color

37.3463, 41.7444, 31.2884

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0833, 41.0831, 39.1803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3463, 41.7444, 31.2884 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(172, 176, 141)` looks like.

```
.text, #text, p{  
    color:rgb(172, 176, 141)  
}
```

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(172, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 176, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.3463, 41.7444, 31.2884 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(172, 176, 141) }
```


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

```
.border{ border-color:rgb(172, 176, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 176, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 176, 141);  
box-shadow:4px 4px 4px 4px rgb(172, 176,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3463, 41.7444, 31.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 176, 141) }
```

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

```
.background{ background-color: rgb(172,  
176, 141) }
```

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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