

Converting Colors

XYZ(37.6111, 41.6191, 29.6743)

Have a look what the booklet for
XYZ(37.6111, 41.6191, 29.6743)
contains.

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Color

**XYZ(37.5245, 41.5800,
29.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAF89
RGB	175, 175, 137
RGB Percent	69%, 69%, 54%
CMY	0.3137, 0.3137, 0.4627
CMYK	0.00, 0.00, 0.22, 0.31
HSL	60°, 19%, 61%
HSV	60°, 22%, 69%
XYZ	37.5245, 41.5800, 29.7149
YIQ	170.6680, 12.1980, -11.8180

Conversions

Conversions Part 2

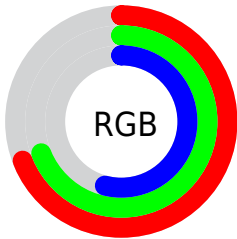
Format	Color
RYB	137, 175, 137
Decimal	11513737
CIELab	70.58, -6.39, 19.55
CIELCh	71, 20.567, 108.106
Yxy	41.5800, 0.3448, 0.3821
Android (android.graphics.Color)	4289703817 (0xFFAFAF89)
YUV	170.6680, -16.5983, 3.7992
Hunter-Lab	64.4826, -8.9695, 17.8157

Details

The XYZ color **37.5245, 41.5800, 29.7149** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.0016, 26.3059, 44.2141**, and the grayscale version is **38.6193, 40.6305, 44.2466**.

A 20% lighter version of the original color is **70.6558, 77.3441, 60.4952**, and **16.8293, 18.9916, 11.7956** is the 20% darker color. If you saturate the color by 10%, you get **36.3697, 41.1194, 23.6309**, and if you desaturate by 10%, it is **38.8852, 42.1257, 36.8731**.

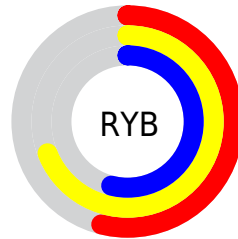
Distribution



Red (69%)

Green (69%)

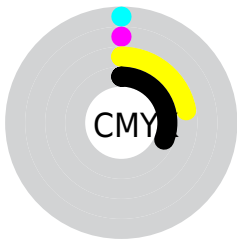
Blue (54%)



Red (54%)

Yellow (69%)

Blue (54%)

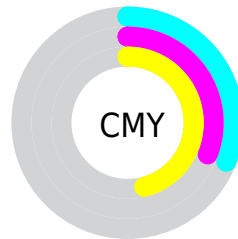


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5245, 41.5800, 29.7149 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 37.5245, 41.5800, 29.7149 by changing the saturation by 10% instead.

■ 37.5245, 41.5800,
29.7149

■ 37.5245, 41.5800,
29.7149

326.8920,
352.7389, 314.7391

■ 25.7894, 28.7726,
19.3721

■ 70.6873, 77.5636,
60.2667

■ 16.7980, 18.9088,
11.7599

■ 92.8458, 101.5085,
81.3127

■ 10.1850, 11.6044,
6.4599

■ 119.2094,
129.9347, 106.7636

■ 5.5850, 6.4749,
3.0534

150.1435,
163.2266, 137.0378

■ 2.6327, 3.1360,
1.1220

186.0134,
201.7686, 172.5539

■ 0.9626, 1.2031,
0.0000

227.1846,

■ 0.0000, 0.0643,

245.9450, 213.7305

0.0000

274.0223,
296.1403, 260.9860

■ 0.0000, 0.0000,
0.0000

■ 37.5245, 41.5800,
29.7149

■ 37.5245, 41.5800,
29.7149

■ 36.3697, 41.1194,
23.6309

■ 38.8852, 42.1257,
36.8731

■ 35.4076, 40.7346,
18.5669

■ 40.4576, 42.7547,
45.1511

■ 34.6288, 40.4230,
14.4679

■ 42.2514, 43.4723,
54.5949

■ 34.0216, 40.1801,
11.2726

■ 44.2747, 44.2817,
65.2473

■ 33.5730, 40.0006,
8.9127

■ 46.5352, 45.1859,
77.1488

■ 33.2683, 39.8787,
7.3103

■ 49.0402, 46.1880,
90.3382

■ 33.0899, 39.8072,
6.3730

■ 51.0630, 46.9972,
100.9878

■ 33.0069, 39.7740,
5.9375

■ 51.0634, 46.9974,
100.9878

■ 51.0638, 46.9976,
100.9878

Harmonies

Analogous

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



40.8825, 41.5800, 29.3202



37.5245, 41.5800, 29.7149



34.8536, 41.5800, 33.8924

Triad

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



37.5245, 41.5800, 29.7149



35.3161, 41.5800, 60.6804



46.2652, 41.5800, 49.2407

Complementary

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



37.5245, 41.5800, 29.7149



27.0016, 26.3059, 44.2141

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.



44.5866, 41.5800, 58.9538



37.5245, 41.5800, 29.7149



38.1891, 41.5800, 66.1642

Square

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



37.5245, 41.5800, 29.7149



33.6298, 41.5800, 51.3417



41.5861, 41.5800, 65.4905



46.0619, 41.5800, 39.7035

Rectangle

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



37.5245, 41.5800, 29.7149



33.7626, 41.5800, 38.6482



41.5861, 41.5800, 65.4905



45.8986, 41.5800, 52.6159

Sweetspot

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



37.5256, 41.5819, 29.7158



70.8835, 75.9396, 72.5916



31.1415, 28.8124, 27.5875



15.7187, 16.8641, 15.9453



84.5950, 89.0005, 96.9216



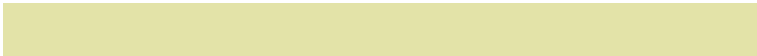
16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5256, 41.5819, 29.7158



66.1788, 74.0576, 47.8245



33.5572, 39.5361, 29.5301



8.6626, 9.3302, 8.5577



23.6360, 28.4819, 4.2518



0.6576, 0.7923, 0.1183

Inverse Universe

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



27.0016, 26.3059, 44.2141



43.9880, 41.8468, 78.3957



30.3951, 28.0553, 44.3729



7.5790, 7.7573, 10.0505



5.5415, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 37.5245, 41.5800, 29.7149 looks on a white background.

Color Contrast Check

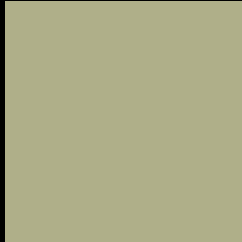
Large Text (above 18pt) WCAG AA × Fail

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 37.5245, 41.5800, 29.7149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

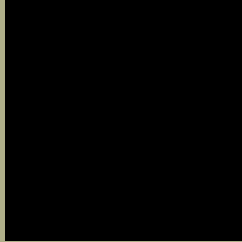
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5245, 41.5800, 29.7149

Background



This preview shows how black text looks on a background with the XYZ color 37.5245, 41.5800, 29.7149.



This preview shows how white text looks on a background with the XYZ color 37.5245, 41.5800,

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

37.5245, 41.5800, 29.7149

Protanopia

38.9636, 41.4730, 29.2440

Deuteranopia

42.3838, 41.5540, 30.2130



Tritanopia

41.6875, 41.5771, 50.0840

Trichromacy



Original Color

37.5245, 41.5800, 29.7149

Protanomaly

38.4436, 41.4885, 29.2744

Deuteranomaly

40.5136, 41.4174, 29.9038

Tritanomaly

40.0363, 41.4627, 41.9694

Monochromacy



Original Color

37.5245, 41.5800, 29.7149

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0238, 40.7789, 38.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5245, 41.5800, 29.7149 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(175, 175, 137)` looks like.

```
.text, #text, p{  
    color:rgb(175, 175, 137)  
}
```

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(175, 175, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 175, 137) }
```

Border

The CSS property to change the border of an element to XYZ 37.5245, 41.5800, 29.7149 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(175, 175, 137) }
```


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

```
.border{ border-color:rgb(175, 175, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 175, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 175, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 175, 137);  
box-shadow:4px 4px 4px 4px rgb(175, 175,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5245, 41.5800, 29.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 175, 137) }
```

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

```
.background{ background-color: rgb(175,  
175, 137) }
```

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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