

Converting Colors

XYZ(43.6034, 37.2281, 31.3965)

Have a look what the booklet for
XYZ(43.6034, 37.2281, 31.3965)
contains.

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Color

**XYZ(43.6318, 37.1703,
31.2605)**

Conversions

Conversions Part 1

Format	Color
Hex	D89290
RGB	216, 146, 144
RGB Percent	85%, 57%, 56%
CMY	0.1529, 0.4274, 0.4353
CMYK	0.00, 0.32, 0.33, 0.15
HSL	2°, 48%, 71%
HSV	2°, 33%, 85%
XYZ	43.6318, 37.1703, 31.2605
YIQ	166.7020, 42.3620, 14.2180

Conversions

Conversions Part 2

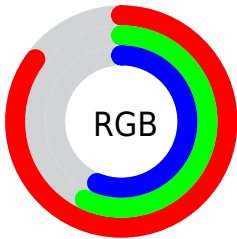
Format	Color
R _Y B	216, 146, 144
Decimal	14193296
CIE Lab	67.40, 26.21, 11.86
CIE LCh	67, 28.765, 24.353
Yxy	37.1703, 0.3894, 0.3317
Android (android.graphics.Color)	4292383376 (0xFFD89290)
YUV	166.7020, -11.1921, 43.2343
Hunter-Lab	60.9675, 21.0518, 12.2768

Details

The XYZ color **43.6318, 37.1703, 31.2605** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9419, 58.9781, 73.8229**, and the grayscale version is **36.6248, 38.5321, 41.9614**.

A 20% lighter version of the original color is **72.0873, 66.6458, 62.4906**, and **20.4107, 16.3635, 12.6724** is the 20% darker color. If you saturate the color by 10%, you get **39.1912, 30.6830, 22.3997**, and if you desaturate by 10%, it is **48.9848, 44.9765, 41.9844**.

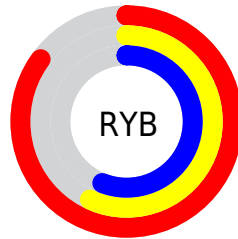
Distribution



Red (85%)

Green (57%)

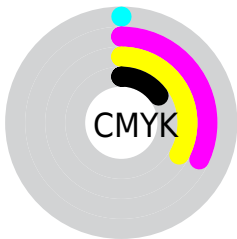
Blue (56%)



Red (85%)

Yellow (57%)

Blue (56%)

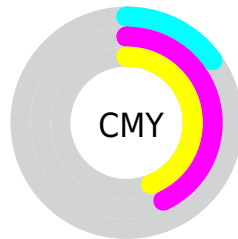


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (15%)



Cyan (15%)


Magenta (43%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6318, 37.1703, 31.2605 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 43.6318, 37.1703, 31.2605 by changing the saturation by 10% instead.


 43.6318, 37.1703,
31.2605


 43.6318, 37.1703,
31.2605


352.0813,
334.0472, 322.1249

 30.5778, 25.3394,
20.5372


 79.9132, 70.8346,
62.7343

 20.4278, 16.3301,
12.5982


 103.8713, 93.4368,
84.3219

 12.8165, 9.7580,
7.0250

132.1948,
120.3982, 110.3680

 7.3784, 5.2388,
3.3990

165.2492,
152.1032, 141.2912

 3.7483, 2.3881,
1.3018

203.3996,
188.9363, 177.5099

 1.5607, 0.8197,
0.0633

247.0115,

 0.3666, 0.0000,

231.2817, 219.4427

0.0000

296.4503,
279.5239, 267.5082

■ 0.0000, 0.0000,
0.0000

■ 43.6318, 37.1703,
31.2605

■ 43.6318, 37.1703,
31.2605

■ 39.1912, 30.6830,
22.3997

■ 48.9848, 44.9765,
41.9844

■ 35.6093, 25.4369,
15.2939

■ 55.2939, 54.1631,
54.6669

■ 32.8315, 21.3544,
9.8270

■ 62.6038, 64.7942,
69.3995

■ 30.7957, 18.3468,
5.8682

■ 70.9551, 76.9284,
86.2675

■ 29.4307, 16.3130,
3.2667

■ 80.3866, 90.6209,
105.3512

■ 28.6513, 15.1325,
1.8407

■ 82.1289, 93.3389,
108.2953

■ 28.3842, 14.7295,
1.3471

Harmonies

Analogous

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



44.4582, 37.1703, 42.9092



43.6318, 37.1703, 31.2605



40.5055, 37.1703, 23.7702

Triad

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



43.6318, 37.1703, 31.2605



28.8763, 37.1703, 27.9040



34.5014, 37.1703, 69.7715

Complementary

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



43.6318, 37.1703, 31.2605



47.9419, 58.9781, 73.8229

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.



30.6139, 37.1703, 63.5903



43.6318, 37.1703, 31.2605



27.5442, 37.1703, 38.1292

Square

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



43.6318, 37.1703, 31.2605



31.9464, 37.1703, 22.1334



28.1530, 37.1703, 51.3359



38.9429, 37.1703, 66.8750

Rectangle

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



43.6318, 37.1703, 31.2605



37.6661, 37.1703, 21.3007



28.1530, 37.1703, 51.3359



33.0911, 37.1703, 68.6530

Sweetspot

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



43.6328, 37.1721, 31.2612



83.8081, 83.6557, 86.2253



50.5324, 39.4418, 69.1050



17.6263, 17.4518, 17.8272



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.6328, 37.1721, 31.2612



58.8514, 47.2831, 36.1617



49.9177, 49.7419, 33.3562



12.4507, 12.4756, 12.9125



16.8136, 8.7443, 0.8017



1.0241, 0.5474, 0.0517

Inverse Universe

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



47.9419, 58.9781, 73.8229



66.0476, 83.7138, 107.2850



39.9766, 43.0476, 71.1678



12.7612, 14.0458, 15.9760



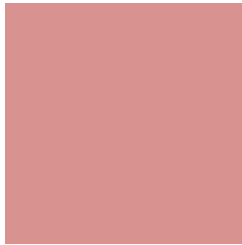
20.9896, 30.2410, 43.1840



1.2755, 1.8431, 2.6078

Previews

White Background



This preview shows how the XYZ color 43.6318, 37.1703, 31.2605 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 43.6318, 37.1703, 31.2605 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 43.6318, 37.1703, 31.2605

Background



This preview shows how black text looks on a background with the XYZ color 43.6318, 37.1703, 31.2605.



This preview shows how white text looks on a background with the XYZ color 43.6318, 37.1703,

31.2605.

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

43.6318, 37.1703, 31.2605

Protanopia

35.6028, 37.3969, 35.4788

Deuteranopia

38.0956, 37.2255, 30.7686



Tritanopia

44.5049, 37.0648, 35.8189

Trichromacy



Original Color

43.6318, 37.1703, 31.2605

Protanomaly

38.0555, 36.8807, 33.9671

Deuteranomaly

40.0667, 37.2365, 31.0622

Tritanomaly

44.3266, 37.2369, 34.1293

Monochromacy



Original Color

43.6318, 37.1703, 31.2605

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.6637, 37.6138, 38.0233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6318, 37.1703, 31.2605 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(216, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(216, 146, 144)  
}
```

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(216, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 146, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.6318, 37.1703, 31.2605 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(216, 146, 144) }
```


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

```
.border{ border-color:rgb(216, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(216, 146,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6318, 37.1703, 31.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 146, 144) }
```

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

```
.background{ background-color: rgb(216,  
146, 144) }
```

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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