

Converting Colors

XYZ(47.3492, 52.7339, 36.9613)

Have a look what the booklet for
XYZ(47.3492, 52.7339, 36.9613)
contains.

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Color

**XYZ(47.3492, 52.7339,
36.9613)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C397
RGB	194, 195, 151
RGB Percent	76%, 76%, 59%
CMY	0.2392, 0.2353, 0.4078
CMYK	0.01, 0.00, 0.23, 0.24
HSL	61°, 27%, 68%
HSV	61°, 23%, 76%
XYZ	47.3492, 52.7339, 36.9613
YIQ	189.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

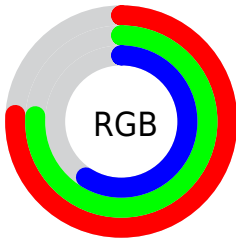
Format	Color
RYB	151, 195, 152
Decimal	12764055
CIELab	77.72, -7.59, 22.07
CIELCh	78, 23.335, 108.984
Yxy	52.7339, 0.3455, 0.3848
Android (android.graphics.Color)	4290954135 (0xFFC2C397)
YUV	189.6850, -19.0717, 3.7843
Hunter-Lab	72.6181, -10.6943, 20.6551

Details

The XYZ color **47.3492, 52.7339, 36.9613** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8678, 32.7502, 56.1690**, and the grayscale version is **48.8642, 51.4090, 55.9844**.

A 20% lighter version of the original color is **85.6135, 94.5378, 71.4929**, and **22.6403, 25.5453, 15.7941** is the 20% darker color. If you saturate the color by 10%, you get **45.7813, 52.0953, 29.2938**, and if you desaturate by 10%, it is **49.1822, 53.4821, 46.0107**.

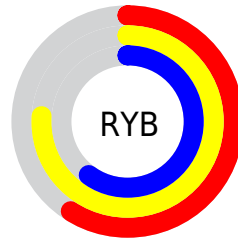
Distribution



Red (76%)

Green (76%)

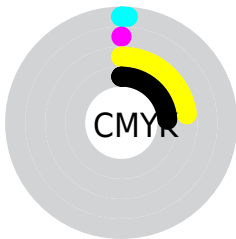
Blue (59%)



Red (59%)

Yellow (76%)

Blue (60%)

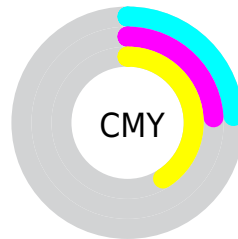


Cyan (1%)

Magenta (0%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3492, 52.7339, 36.9613 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 47.3492, 52.7339, 36.9613 by changing the saturation by 10% instead.


 47.3492, 52.7339,
36.9613


 47.3492, 52.7339,
36.9613


366.8323,
397.2634, 348.3066

 33.5209, 37.5904,
24.8820


 85.4502, 94.2127,
71.6989

 22.6869, 25.6649,
15.7709


 110.4536,
121.3168, 95.1943

 14.4819, 16.5731,
9.2096


139.9128,
153.1765, 123.3321

 8.5405, 9.9306,
4.7795

174.1931,
190.1762, 156.5309

 4.4974, 5.3530,
2.0620

213.6598,
232.7004, 195.2092

 1.9872, 2.4558,
0.5930

258.6784,

 0.6268, 0.8544,

281.1333, 239.7856

0.0000

309.6141,
335.8595, 290.6785

■ 0.0000, 0.0000,
0.0000

■ 47.3492, 52.7339,
36.9613

■ 47.3492, 52.7339,
36.9613

■ 45.7813, 52.0953,
29.2938

■ 49.1822, 53.4821,
46.0107

■ 44.4614, 51.5543,
22.9371

■ 51.2882, 54.3378,
56.5019

■ 43.3771, 51.1074,
17.8188

■ 53.6798, 55.3077,
68.4951

■ 42.5129, 50.7487,
13.8581

■ 56.3676, 56.3961,
82.0462

■ 41.8518, 50.4712,
10.9648

■ 59.3616, 57.6071,
97.2083

■ 41.3740, 50.2672,
9.0352

■ 60.5061, 58.0783,
102.6290

■ 41.0559, 50.1270,
7.9450

■ 60.6225, 58.1384,
102.6344

■ 40.8902, 50.0511,
7.5057

■ 60.7393, 58.1986,
102.6399

■ 60.8565, 58.2590,
102.6454

Harmonies

Analogous

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



51.8002, 52.7339, 36.2984



47.3492, 52.7339, 36.9613



43.8497, 52.7339, 42.5912

Triad

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



47.3492, 52.7339, 36.9613



44.6350, 52.7339, 78.3073



59.1405, 52.7339, 62.3041

Complementary

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



47.3492, 52.7339, 36.9613



33.8678, 32.7502, 56.1690

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.



56.9656, 52.7339, 75.3398



47.3492, 52.7339, 36.9613



48.4805, 52.7339, 85.4607

Square

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



47.3492, 52.7339, 36.9613



42.3489, 52.7339, 65.8965



53.0010, 52.7339, 84.2998



58.7924, 52.7339, 49.7003

Rectangle

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



47.3492, 52.7339, 36.9613



42.4432, 52.7339, 48.9510



53.0010, 52.7339, 84.2998



58.6752, 52.7339, 66.8096

Sweetspot

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



47.3506, 52.7362, 36.9624



90.0771, 96.5933, 92.3264



39.2783, 36.2078, 34.1976



19.6749, 21.1322, 19.9642



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.



47.3506, 52.7362, 36.9624



83.3795, 93.8662, 59.2295



42.1748, 50.0681, 36.7202



10.8900, 11.7463, 10.7552



26.5852, 32.5340, 4.8785



1.1560, 1.4095, 0.2111

Inverse Universe

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



33.8678, 32.7502, 56.1690



55.0544, 51.8774, 99.5814



38.3147, 35.0426, 56.3771



9.5491, 9.7587, 12.6652



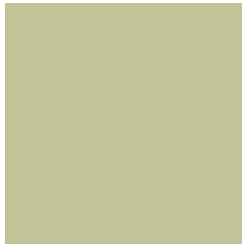
6.4481, 2.5845, 33.7156



0.2861, 0.1155, 1.4571

Previews

White Background



This preview shows how the XYZ color 47.3492, 52.7339, 36.9613 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 47.3492, 52.7339, 36.9613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

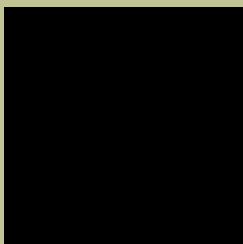
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

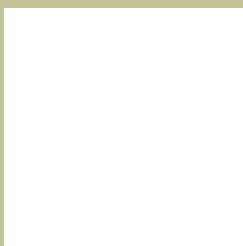
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3492, 52.7339, 36.9613

Background



This preview shows how black text looks on a background with the XYZ color 47.3492, 52.7339, 36.9613.



This preview shows how white text looks on a background with the XYZ color 47.3492, 52.7339, 36.9613.

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

47.3492, 52.7339, 36.9613

Protanopia

49.4513, 52.8483, 36.0282

Deuteranopia

53.6307, 52.4282, 37.4300



Tritanopia

52.8501, 52.6957, 63.8857

Trichromacy



Original Color

47.3492, 52.7339, 36.9613

Protanomaly

48.6624, 52.7594, 36.4730

Deuteranomaly

51.0913, 52.3796, 37.1232

Tritanomaly

50.5712, 52.7281, 52.8595

Monochromacy



Original Color

47.3492, 52.7339, 36.9613

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.1720, 51.9102, 48.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3492, 52.7339, 36.9613 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(194, 195, 151)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 151)  
}
```

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(194, 195, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 151) }
```

Border

The CSS property to change the border of an element to XYZ 47.3492, 52.7339, 36.9613 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(194, 195, 151) }
```


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

```
.border{ border-color:rgb(194, 195, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 151);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3492, 52.7339, 36.9613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 151) }
```

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

```
.background{ background-color: rgb(194,  
195, 151) }
```

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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