

Converting Colors

XYZ(47.8568, 42.9213, 40.8594)

Have a look what the booklet for
XYZ(47.8568, 42.9213, 40.8594)
contains.

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Color

**XYZ(47.7646, 42.7690,
40.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A1A4
RGB	216, 161, 164
RGB Percent	85%, 63%, 64%
CMY	0.1529, 0.3686, 0.3569
CMYK	0.00, 0.25, 0.24, 0.15
HSL	357°, 41%, 74%
HSV	357°, 25%, 85%
XYZ	47.7646, 42.7690, 40.8597
YIQ	177.7870, 31.8170, 12.5930

Conversions

Conversions Part 2

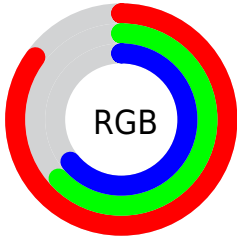
Format	Color
RYB	216, 161, 164
Decimal	14197156
CIELab	71.40, 20.81, 6.43
CIElCh	71, 21.775, 17.168
Yxy	42.7690, 0.3635, 0.3255
Android (android.graphics.Color)	4292387236 (0xFFD8A1A4)
YUV	177.7870, -6.7970, 33.5128
Hunter-Lab	65.3980, 15.9241, 8.7351

Details

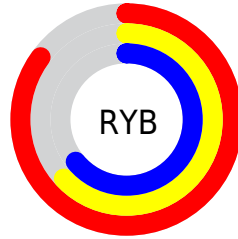
The XYZ color **47.7646, 42.7690, 40.8597** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2658, 61.4939, 72.1214**, and the grayscale version is **42.2283, 44.4275, 48.3815**.

A 20% lighter version of the original color is **78.5820, 75.4862, 77.4464**, and **22.8905, 19.5807, 17.9022** is the 20% darker color. If you saturate the color by 10%, you get **42.6123, 35.1826, 30.7616**, and if you desaturate by 10%, it is **53.8675, 51.7819, 52.7369**.

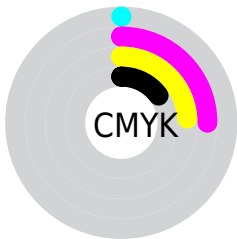
Distribution



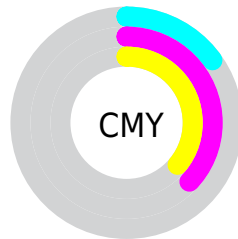
- Red (85%)
- Green (63%)
- Blue (64%)



- Red (85%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (15%)





- Cyan (15%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7646, 42.7690, 40.8597 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 47.7646, 42.7690, 40.8597 by changing the saturation by 10% instead.


 47.7646, 42.7690,
40.8597


 47.7646, 42.7690,
40.8597


368.4564,
357.6609, 365.3932

 33.8510, 29.7039,
27.8906

 86.0656, 79.3622,
77.7222

 22.9415, 19.6140,
18.0049


 111.1838,
103.6590, 102.4527

 14.6708, 12.1147,
10.7840

140.7674,
132.4686, 131.9408

 8.6735, 6.8219,
5.8095

175.1820,
166.1753, 166.6049

 4.5842, 3.3509,
2.6627

214.7928,
205.1634, 206.8637

 2.0377, 1.3176,
0.9245

259.9653,

 0.6550, 0.1548,

249.8175, 253.1356

0.0000

311.0647,
300.5219, 305.8393

■ 0.0000, 0.0000,
0.0000

■ 47.7646, 42.7690,
40.8597

■ 47.7646, 42.7690,
40.8597

■ 42.6123, 35.1826,
30.7616

■ 53.8675, 51.7819,
52.7369

■ 38.3594, 28.9440,
22.3545

■ 60.9618, 62.2829,
66.4702

■ 34.9553, 23.9761,
15.5467

■ 69.0902, 74.3370,
82.1355

■ 32.3431, 20.1916,
10.2368

■ 78.2917, 88.0039,
99.8034

■ 30.4587, 17.4922,
6.3117

■ 82.1290, 93.3390,
108.2953

■ 29.2280, 15.7636,
3.6424

■ 28.5611, 14.8661,
2.0754

■ 28.3840, 14.6250,
1.6673

Harmonies

Analogous

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



47.9185, 42.7690, 51.1974



47.7646, 42.7690, 40.8597



45.6339, 42.7690, 33.2766

Triad

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



47.7646, 42.7690, 40.8597



35.6972, 42.7690, 34.1473



39.1051, 42.7690, 69.1561

Complementary

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



47.7646, 42.7690, 40.8597



51.2658, 61.4939, 72.1214

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.



36.0441, 42.7690, 62.9977



47.7646, 42.7690, 40.8597



34.1576, 42.7690, 42.2268

Square

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



47.7646, 42.7690, 40.8597



38.6052, 42.7690, 29.8199



34.2806, 42.7690, 52.7850



42.7671, 42.7690, 68.6429

Rectangle

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



47.7646, 42.7690, 40.8597



43.4478, 42.7690, 30.3297



34.2806, 42.7690, 52.7850



37.9762, 42.7690, 67.7629

Sweetspot

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



47.7658, 42.7710, 40.8606



85.9323, 86.4872, 91.3017



52.3883, 44.4963, 70.7935



18.0495, 18.0031, 18.8777



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.



47.7658, 42.7710, 40.8606



65.0199, 55.5968, 50.6212



52.0673, 51.8020, 40.9752



12.4504, 12.4317, 13.0461



16.8129, 8.6615, 1.0529



1.0239, 0.5264, 0.1154

Inverse Universe

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



47.7658, 42.7710, 40.8606



65.0199, 55.5968, 50.6212



45.9806, 50.3091, 72.2532



12.4504, 12.4317, 13.0461



16.8129, 8.6615, 1.0529



1.0239, 0.5264, 0.1154

Previews

White Background



This preview shows how the XYZ color 47.7646, 42.7690, 40.8597 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 47.7646, 42.7690, 40.8597 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 47.7646, 42.7690, 40.8597

Background



This preview shows how black text looks on a background with the XYZ color 47.7646, 42.7690, 40.8597.



This preview shows how white text looks on a background with the XYZ color 47.7646, 42.7690,

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

47.7646, 42.7690, 40.8597

Protanopia

41.0771, 42.7961, 44.6235

Deuteranopia

43.7355, 42.8549, 40.1491



Tritanopia

48.6325, 42.8719, 44.7416

Trichromacy



Original Color

47.7646, 42.7690, 40.8597

Protanomaly

42.9941, 42.4096, 42.9656

Deuteranomaly

45.1489, 42.7541, 40.5231

Tritanomaly

48.3475, 42.7579, 43.2410

Monochromacy



Original Color

47.7646, 42.7690, 40.8597

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.0336, 43.7286, 45.6548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7646, 42.7690, 40.8597 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, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(216, 161, 164)  
}
```

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, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 161, 164) }
```

Border

The CSS property to change the border of an element to XYZ 47.7646, 42.7690, 40.8597 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, 161, 164) }
```


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

```
.border{ border-color:rgb(216, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(216, 161,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7646, 42.7690, 40.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 161, 164) }
```

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

```
.background{ background-color: rgb(216,  
161, 164) }
```

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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