

Converting Colors

XYZ(47.8302, 45.1644, 39.1476)

Have a look what the booklet for
XYZ(47.8302, 45.1644, 39.1476)
contains.

XYZ(47.7841, 45.2497, 39.0165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.7841, 45.2497,
39.0165)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AA9F
RGB	212, 170, 159
RGB Percent	83%, 67%, 62%
CMY	0.1686, 0.3333, 0.3765
CMYK	0.00, 0.20, 0.25, 0.17
HSL	12°, 38%, 73%
HSV	12°, 25%, 83%
XYZ	47.7841, 45.2497, 39.0165
YIQ	181.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

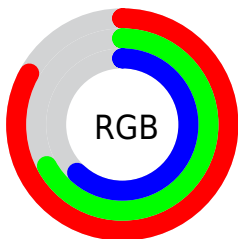
Format	Color
R _Y B	212, 173, 159
Decimal	13937311
CIE Lab	73.06, 13.71, 11.49
CIE LCh	73, 17.889, 39.958
Yxy	45.2497, 0.3619, 0.3427
Android (android.graphics.Color)	4292127391 (0xFFD4AA9F)
YUV	181.3040, -10.9959, 26.9204
Hunter-Lab	67.2679, 9.0796, 12.6983

Details

The XYZ color **47.7841, 45.2497, 39.0165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0679, 53.8962, 70.2098**, and the grayscale version is **44.1333, 46.4317, 50.5641**.

A 20% lighter version of the original color is **80.3028, 79.9655, 74.8208**, and **23.0898, 21.2077, 17.0639** is the 20% darker color. If you saturate the color by 10%, you get **43.1497, 38.6766, 29.1605**, and if you desaturate by 10%, it is **53.1389, 52.7580, 50.6703**.

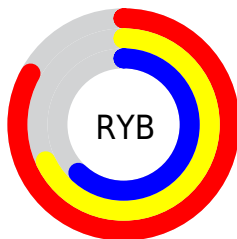
Distribution



Red (83%)

Green (67%)

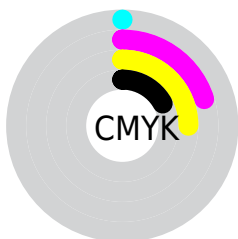
Blue (62%)



Red (83%)

Yellow (68%)

Blue (62%)

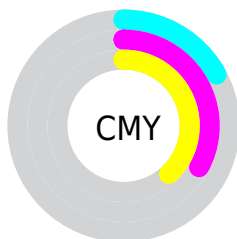


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7841, 45.2497, 39.0165 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 47.7841, 45.2497, 39.0165 by changing the saturation by 10% instead.


 47.7841, 45.2497,
39.0165


 47.7841, 45.2497,
39.0165


368.5326,
367.7839, 357.3887

 33.8665, 31.6542,
26.4646


 86.0945, 83.0950,
74.8841

 22.9534, 21.0975,
16.9427

 111.2180,
108.1135, 99.0370

 14.6796, 13.1953,
10.0321


140.8075,
137.7085, 127.8939

 8.6797, 7.5631,
5.3144

175.2284,
172.2643, 161.8735

 4.5883, 3.8167,
2.3709

214.8460,
212.1654, 201.3942

 2.0400, 1.5716,
0.7705

260.0256,

 0.6563, 0.3383,

257.7961, 246.8746

0.0000

311.1327,
309.5408, 298.7333

■ 0.0000, 0.0000,
0.0000

■ 47.7841, 45.2497,
39.0165

■ 47.7841, 45.2497,
39.0165

■ 43.1497, 38.6766,
29.1605

■ 53.1389, 52.7580,
50.6703

■ 39.2008, 32.9957,
21.0097

■ 59.2398, 61.2298,
64.2025

■ 35.9050, 28.1700,
14.4673

■ 66.1155, 70.7002,
79.6925

■ 33.2258, 24.1573,
9.4258

■ 73.7922, 81.2002,
97.2140

■ 31.1230, 20.9119,
5.7643

■ 80.6424, 92.0989,
108.1343

■ 29.5509, 18.3831,
3.3432

■ 80.9615, 92.7371,
108.2407

■ 28.4563, 16.5137,
1.9923

■ 28.0528, 15.7997,
1.5711

Harmonies

Analogous

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



49.2069, 45.2497, 46.3509



47.7841, 45.2497, 39.0165



45.1022, 45.2497, 34.7975

Triad

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



47.7841, 45.2497, 39.0165



37.6033, 45.2497, 43.6001



44.0567, 45.2497, 68.2513

Complementary

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



47.7841, 45.2497, 39.0165



47.0679, 53.8962, 70.2098

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.



40.9805, 45.2497, 67.2824



47.7841, 45.2497, 39.0165



37.3538, 45.2497, 52.3076

Square

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



47.7841, 45.2497, 39.0165



39.2612, 45.2497, 37.2131



38.5621, 45.2497, 61.1770



46.9869, 45.2497, 63.6830

Rectangle

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



47.7841, 45.2497, 39.0165



43.0129, 45.2497, 33.9770



38.5621, 45.2497, 61.1770



43.0041, 45.2497, 68.5742

Sweetspot

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



47.7853, 45.2518, 39.0174



87.9607, 90.2086, 93.0117



50.1396, 43.0298, 61.1686



18.7023, 19.1353, 19.6300



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.



47.7853, 45.2518, 39.0174



68.7034, 63.2489, 50.9704



53.1722, 56.0256, 40.8131



12.6301, 12.8344, 12.9723



17.3770, 9.8712, 0.9895



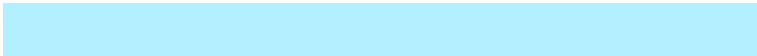
1.1087, 0.7166, 0.0799

Inverse Universe

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



47.0679, 53.8962, 70.2098



67.4257, 78.5456, 106.2148



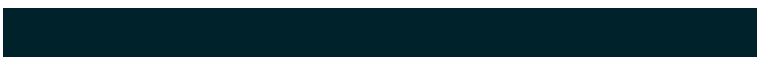
41.4928, 42.7460, 68.3514



12.5631, 13.6496, 15.9100



16.0531, 20.3680, 41.5385



1.0246, 1.3411, 2.5242

Previews

White Background



This preview shows how the XYZ color 47.7841, 45.2497, 39.0165 looks on a white background.

Color Contrast Check

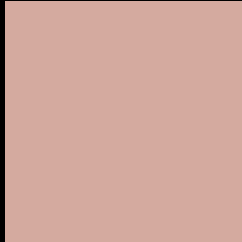
Large Text (above 18pt) WCAG AA × Fail

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 47.7841, 45.2497, 39.0165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

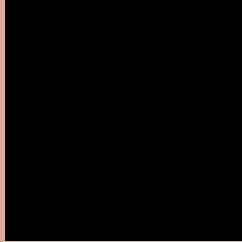
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7841, 45.2497, 39.0165

Background



This preview shows how black text looks on a background with the XYZ color 47.7841, 45.2497, 39.0165.



This preview shows how white text looks on a background with the XYZ color 47.7841, 45.2497,

39.0165.

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

47.7841, 45.2497, 39.0165

Protanopia

43.3145, 45.4853, 41.6186

Deuteranopia

46.2920, 45.3349, 38.6584



Tritanopia

49.7885, 45.2289, 49.2859

Trichromacy



Original Color

47.7841, 45.2497, 39.0165

Protanomaly

44.8119, 45.3951, 40.5827

Deuteranomaly

46.9365, 45.3836, 38.6338

Tritanomaly

48.8896, 45.1300, 45.1639

Monochromacy



Original Color

47.7841, 45.2497, 39.0165

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0032, 45.6679, 45.9780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7841, 45.2497, 39.0165 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(212, 170, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 159)  
}
```

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(212, 170, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 159) }
```

Border

The CSS property to change the border of an element to XYZ 47.7841, 45.2497, 39.0165 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(212, 170, 159) }
```


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

```
.border{ border-color:rgb(212, 170, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7841, 45.2497, 39.0165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 159) }
```

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

```
.background{ background-color: rgb(212,  
170, 159) }
```

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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