

Converting Colors

XYZ(47.6636, 44.8770, 30.4915)

Have a look what the booklet for
XYZ(47.6636, 44.8770, 30.4915)
contains.

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Color

**XYZ(47.5763, 44.7748,
30.5610)**

Conversions

Conversions Part 1	
Format	Color
Hex	DAA88B
RGB	218, 168, 139
RGB Percent	85%, 66%, 55%
CMY	0.1451, 0.3412, 0.4549
CMYK	0.00, 0.23, 0.36, 0.15
HSL	22°, 52%, 70%
HSV	22°, 36%, 85%
XYZ	47.5763, 44.7748, 30.5610
YIQ	179.6440, 39.1090, 1.5810

Conversions

Conversions Part 2

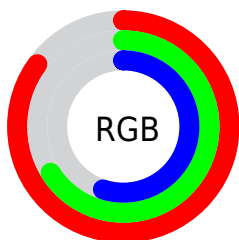
Format	Color
RYB	218, 185, 139
Decimal	14329995
CIELab	72.74, 14.48, 22.06
CIELCh	73, 26.387, 56.712
Yxy	44.7748, 0.3871, 0.3643
Android (android.graphics.Color)	4292520075 (0xFFDAA88B)
YUV	179.6440, -20.0375, 33.6382
Hunter-Lab	66.9140, 9.8153, 19.7608

Details

The XYZ color **47.5763, 44.7748, 30.5610** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.4993, 46.9445, 73.2036**, and the grayscale version is **43.2819, 45.5359, 49.5886**.

A 20% lighter version of the original color is **77.2533, 77.8856, 61.4138**, and **22.9489, 20.8934, 12.2745** is the 20% darker color. If you saturate the color by 10%, you get **43.7264, 39.3749, 22.1873**, and if you desaturate by 10%, it is **52.0164, 50.8464, 40.6993**.

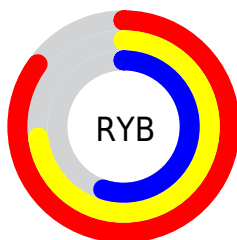
Distribution



Red (85%)

Green (66%)

Blue (55%)



Red (85%)

Yellow (73%)

Blue (55%)

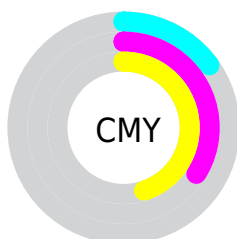


Cyan (0%)

Magenta (23%)

Yellow (36%)

Black (15%)



Cyan (15%)


Magenta (34%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5763, 44.7748, 30.5610 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 47.5763, 44.7748, 30.5610 by changing the saturation by 10% instead.


 47.5763, 44.7748,
30.5610


 47.5763, 44.7748,
30.5610


367.7208,
365.8607, 318.7990


 33.7013, 31.2801,
20.0091


 85.7867, 82.3824,
61.6197

 22.8260, 20.8122,
12.2175

 110.8529,
107.2640, 82.9636

 14.5851, 12.9868,
6.7677


 140.3802,
136.7101, 108.7420

 8.6131, 7.4195,
3.2410

174.7340,
171.1050, 139.3733

 4.5448, 3.7258,
1.2190

214.2796,
210.8331, 175.2761

 2.0147, 1.5214,
0.0000


259.3823,


 0.6422, 0.3037,


256.2788, 216.8690


0.0000


310.4076,
307.8266, 264.5704


 0.0000, 0.0000,
0.0000


 47.5763, 44.7748,
30.5610


 47.5763, 44.7748,
30.5610


 43.7264, 39.3749,
22.1873


 52.0164, 50.8464,
40.6993


 40.4359, 34.6162,
15.4728


 57.0687, 57.6065,
52.6940


 37.6761, 30.4745,
10.3048


 62.7581, 65.0790,
66.6334


 35.4140, 26.9219,
6.5554


 69.1072, 73.2847,
82.5996


 33.6120, 23.9275,
4.0753

 76.1373, 82.2434,
100.6699

 32.2249, 21.4565,
2.6786

 81.3928, 90.9841,
107.8796

 31.7849, 20.6484,
2.3103

 82.7235, 93.6454,
108.3231

Harmonies

Analogous

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



50.9192, 44.7748, 38.2704



47.5763, 44.7748, 30.5610



43.0643, 44.7748, 27.6572

Triad

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



47.5763, 44.7748, 30.5610



34.3560, 44.7748, 47.3196



46.6400, 44.7748, 74.9329

Complementary

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



47.5763, 44.7748, 30.5610



41.4993, 46.9445, 73.2036

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.



42.0539, 44.7748, 78.5185



47.5763, 44.7748, 30.5610



35.1646, 44.7748, 60.9918

Square

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



47.5763, 44.7748, 30.5610



35.6113, 44.7748, 36.1773



37.9039, 44.7748, 73.0225



50.3520, 44.7748, 63.9477

Rectangle

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



47.5763, 44.7748, 30.5610



40.0744, 44.7748, 28.3648



37.9039, 44.7748, 73.0225



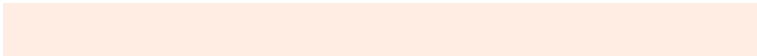
45.1403, 44.7748, 77.1201

Sweetspot

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



47.5774, 44.7769, 30.5619



85.4544, 87.5157, 85.0251



47.3353, 37.0467, 52.8193



18.0547, 18.4216, 17.6214



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.



47.5774, 44.7769, 30.5619



63.8543, 58.2679, 34.8111



55.9999, 61.6218, 33.3694



13.4456, 13.8305, 13.6865



19.1366, 12.5588, 1.4155



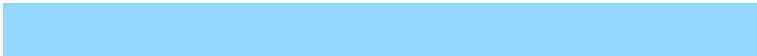
1.3204, 0.9748, 0.1186

Inverse Universe

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



41.4993, 46.9445, 73.2036



54.0237, 61.7413, 103.6777



34.1349, 32.2155, 70.7488



13.0221, 13.9839, 16.6650



13.1292, 14.1277, 41.7733



0.9317, 1.0775, 2.7333

Previews

White Background



This preview shows how the XYZ color 47.5763, 44.7748, 30.5610 looks on a white background.

Color Contrast Check

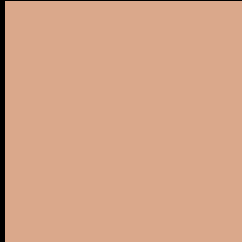
Large Text (above 18pt) WCAG AA × Fail

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 47.5763, 44.7748, 30.5610 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 47.5763, 44.7748, 30.5610

Background



This preview shows how black text looks on a background with the XYZ color 47.5763, 44.7748, 30.5610.



This preview shows how white text looks on a background with the XYZ color 47.5763, 44.7748,

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

47.5763, 44.7748, 30.5610

Protanopia

42.1896, 44.8016, 32.8095

Deuteranopia

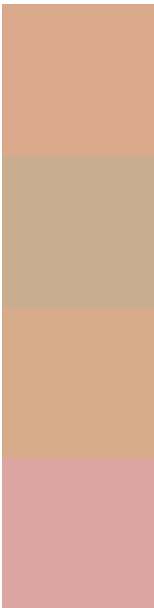
45.9183, 45.0417, 30.3185



Tritanopia

50.9593, 44.8191, 46.5226

Trichromacy



Original Color
47.5763, 44.7748, 30.5610

Protanomaly
43.8380, 44.5045, 31.8709

Deuteranomaly
46.5909, 45.1069, 30.2957

Tritanomaly
49.7955, 44.8911, 40.2228

Monochromacy



Original Color
47.5763, 44.7748, 30.5610

Achromatopsia
43.3819, 45.6411, 49.7032

Achromatomaly
44.5650, 45.2366, 41.9800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5763, 44.7748, 30.5610 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(218, 168, 139) looks like.

```
.text, #text, p{  
    color:rgb(218, 168, 139)  
}
```

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(218, 168, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 168, 139) }
```

Border

The CSS property to change the border of an element to XYZ 47.5763, 44.7748, 30.5610 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(218, 168, 139) }
```


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

```
.border{ border-color:rgb(218, 168, 139) }
```

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

Here you see how a box with a 4 pixel rgb(218, 168, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 168, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 168, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 168,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5763, 44.7748, 30.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 168, 139) }
```

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

```
.background{ background-color: rgb(218,  
168, 139) }
```

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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