

Converting Colors

XYZ(47.3714, 47.1255, 46.1683)

Have a look what the booklet for
XYZ(47.3714, 47.1255, 46.1683)
contains.

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Color

**XYZ(47.2826, 47.1373,
46.1415)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B2AD
RGB	200, 178, 173
RGB Percent	78%, 70%, 68%
CMY	0.2157, 0.3019, 0.3216
CMYK	0.00, 0.11, 0.13, 0.22
HSL	11°, 20%, 73%
HSV	11°, 13%, 78%
XYZ	47.2826, 47.1373, 46.1415
YIQ	184.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

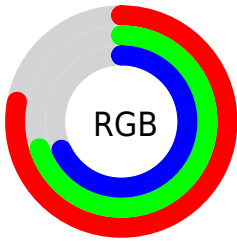
Format	Color
R _Y B	200, 179, 173
Decimal	13152941
CIE Lab	74.28, 7.05, 5.43
CIE LCh	74, 8.898, 37.580
Yxy	47.1373, 0.3364, 0.3354
Android (android.graphics.Color)	4291343021 (0xFFC8B2AD)
YUV	184.0080, -5.4269, 14.0250
Hunter-Lab	68.6566, 2.7807, 8.2131

Details

The XYZ color **47.2826, 47.1373, 46.1415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1736, 52.0833, 62.2107**, and the grayscale version is **45.5888, 47.9630, 52.2317**.

A 20% lighter version of the original color is **84.6664, 85.7071, 85.4795**, and **22.6389, 22.1587, 21.1730** is the 20% darker color. If you saturate the color by 10%, you get **42.4390, 40.3185, 35.6830**, and if you desaturate by 10%, it is **52.8036, 54.8463, 58.2562**.

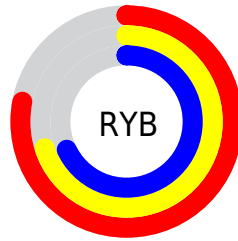
Distribution



Red (78%)

Green (70%)

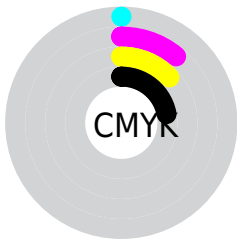
Blue (68%)



Red (78%)

Yellow (70%)

Blue (68%)

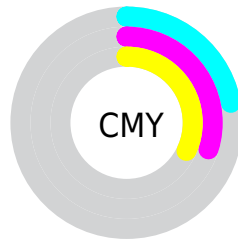


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2826, 47.1373, 46.1415 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 47.2826, 47.1373, 46.1415 by changing the saturation by 10% instead.


 47.2826, 47.1373,
46.1415

 47.2826, 47.1373,
46.1415

366.5715,
375.3623, 387.6713

 33.4680, 33.1442,
32.0080


 85.3515, 85.9185,
85.7672

 22.6462, 22.2369,
21.1028


110.3365,
111.4755, 112.0966

 14.4517, 14.0311,
13.0072


139.7756,
141.6558, 143.3283

 8.5193, 8.1423,
7.3027

174.0343,
176.8439, 179.8809

 4.4836, 4.1861,
3.5708

213.4779,
217.4242, 222.1730

 1.9792, 1.7782,
1.3930

258.4717,

 0.6222, 0.4735,

263.7812, 270.6231

0.1362

309.3812,
316.2990, 325.6497

■ 0.0000, 0.0000,
0.0000

■ 47.2826, 47.1373,
46.1415

■ 47.2826, 47.1373,
46.1415

■ 42.4390, 40.3185,
35.6830

■ 52.8036, 54.8463,
58.2562

■ 38.2427, 34.3517,
26.8057

■ 59.0230, 63.4696,
72.0917

■ 34.6669, 29.2051,
19.4331

■ 65.9655, 73.0382,
87.7129

■ 31.6817, 24.8424,
13.4814

■ 73.6536, 83.5797,
105.1803

■ 29.2543, 21.2247,
8.8584

■ 77.6296, 91.0194,
108.0847

■ 27.3488, 18.3096,
5.4610

■ 25.9247, 16.0505,
3.1706

■ 24.9352, 14.3945,
1.8450

■ 24.4832, 13.6067,
1.3359

Harmonies

Analogous

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



47.9186, 47.1373, 50.1721



47.2826, 47.1373, 46.1415



45.9850, 47.1373, 43.6104

Triad

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



47.2826, 47.1373, 46.1415



42.0212, 47.1373, 48.0403



45.2092, 47.1373, 60.5531

Complementary

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



47.2826, 47.1373, 46.1415



47.1736, 52.0833, 62.2107

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.



43.6407, 47.1373, 59.8985



47.2826, 47.1373, 46.1415



41.8246, 47.1373, 52.4944

Square

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



47.2826, 47.1373, 46.1415



42.9543, 47.1373, 44.6603



42.4109, 47.1373, 56.8818



46.7032, 47.1373, 58.6207

Rectangle

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



47.2826, 47.1373, 46.1415



44.9325, 47.1373, 43.0233



42.4109, 47.1373, 56.8818



44.6730, 47.1373, 60.6303

Sweetspot

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



47.2839, 47.1394, 46.1425



90.8571, 94.1727, 99.6147



48.6194, 46.1095, 57.9973



19.2831, 19.9285, 20.9596



0.0000, 0.0000, 0.0000



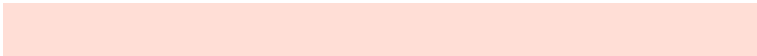
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2839, 47.1394, 46.1425



79.4611, 78.2412, 74.6663



50.0918, 52.7551, 47.0785



10.7903, 10.9497, 11.1076



15.6158, 8.7487, 0.8656



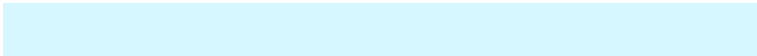
0.7889, 0.5133, 0.0575

Inverse Universe

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



47.1736, 52.0833, 62.2107



79.2350, 88.3364, 107.4822



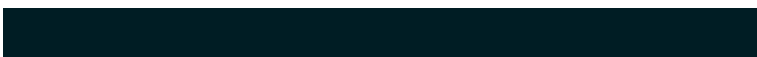
44.2954, 46.3268, 61.2513



10.7732, 11.7204, 13.6119



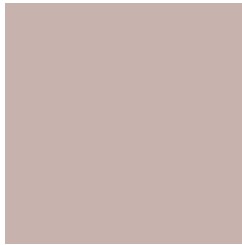
15.0101, 19.4141, 37.7005



0.7553, 1.0084, 1.8000

Previews

White Background



This preview shows how the XYZ color 47.2826, 47.1373, 46.1415 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 47.2826, 47.1373, 46.1415 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 47.2826, 47.1373, 46.1415

Background



This preview shows how black text looks on a background with the XYZ color 47.2826, 47.1373, 46.1415.



This preview shows how white text looks on a background with the XYZ color 47.2826, 47.1373,

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

47.2826, 47.1373, 46.1415

Protanopia

45.2048, 47.2424, 47.2936

Deuteranopia

48.1668, 47.2988, 46.1261



Tritanopia

49.0678, 47.2813, 54.6842

Trichromacy



Original Color

47.2826, 47.1373, 46.1415

Protanomaly

45.9021, 47.3102, 46.7569

Deuteranomaly

47.8936, 47.1579, 46.1133

Tritanomaly

48.3568, 47.2807, 51.3772

Monochromacy



Original Color

47.2826, 47.1373, 46.1415

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2014, 47.6983, 49.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2826, 47.1373, 46.1415 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(200, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 173)  
}
```

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(200, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 173) }
```

Border

The CSS property to change the border of an element to XYZ 47.2826, 47.1373, 46.1415 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(200, 178, 173) }
```


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

```
.border{ border-color:rgb(200, 178, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2826, 47.1373, 46.1415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 173) }
```

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

```
.background{ background-color: rgb(200,  
178, 173) }
```

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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