

Converting Colors

XYZ(47.7131, 44.7684, 32.9149)

Have a look what the booklet for
XYZ(47.7131, 44.7684, 32.9149)
contains.

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Color

**XYZ(47.7287, 44.8013,
32.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A891
RGB	217, 168, 145
RGB Percent	85%, 66%, 57%
CMY	0.1490, 0.3412, 0.4314
CMYK	0.00, 0.23, 0.33, 0.15
HSL	19°, 49%, 71%
HSV	19°, 33%, 85%
XYZ	47.7287, 44.8013, 32.9200
YIQ	180.0290, 36.5870, 3.2350

Conversions

Conversions Part 2

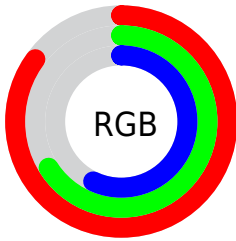
Format	Color
R _Y B	217, 179, 145
Decimal	14264465
CIE Lab	72.76, 14.83, 18.80
CIE LCh	73, 23.947, 51.734
Yxy	44.8013, 0.3805, 0.3571
Android (android.graphics.Color)	4292454545 (0xFFD9A891)
YUV	180.0290, -17.2693, 32.4236
Hunter-Lab	66.9338, 10.1495, 17.6931

Details

The XYZ color **47.7287, 44.8013, 32.9200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4925, 49.6113, 72.9293**, and the grayscale version is **43.4750, 45.7391, 49.8099**.

A 20% lighter version of the original color is **77.9365, 78.1589, 65.0113**, and **22.9637, 20.8760, 13.4088** is the 20% darker color. If you saturate the color by 10%, you get **43.6397, 39.0501, 24.0753**, and if you desaturate by 10%, it is **52.4493, 51.3038, 43.5529**.

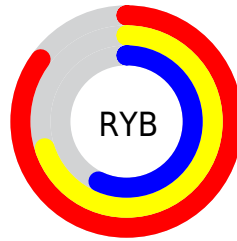
Distribution



Red (85%)

Green (66%)

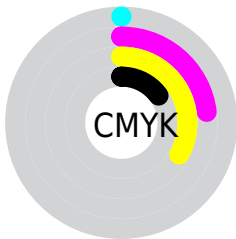
Blue (57%)



Red (85%)

Yellow (70%)

Blue (57%)

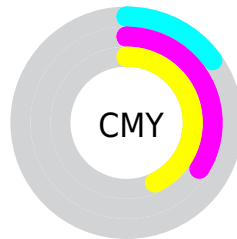


Cyan (0%)

Magenta (23%)

Yellow (33%)

Black (15%)



Cyan (15%)


Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7287, 44.8013, 32.9200 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 47.7287, 44.8013, 32.9200 by changing the saturation by 10% instead.


 47.7287, 44.8013,
32.9200


 47.7287, 44.8013,
32.9200


368.3163,
365.9682, 329.9100

 33.8224, 31.3009,
21.7946


 86.0125, 82.4222,
65.3652

 22.9195, 20.8281,
13.5091

 111.1207,
107.3115, 87.5220

 14.6544, 12.9984,
7.6452


140.6936,
136.7659, 114.1930

 8.6619, 7.4275,
3.7843

175.0966,
171.1698, 145.7968

 4.5767, 3.7308,
1.5078

214.6950,
210.9075, 182.7518

 2.0333, 1.5242,
0.2237

259.8542,

 0.6525, 0.3056,

256.3636, 225.4767

0.0000

310.9395,
307.9224, 274.3899

■ 0.0000, 0.0000,
0.0000

■ 47.7287, 44.8013,
32.9200

■ 47.7287, 44.8013,
32.9200

■ 43.6397, 39.0501,
24.0753

■ 52.4493, 51.3038,
43.5529

■ 40.1502, 34.0159,
16.9166

■ 57.8245, 58.5776,
56.0630

■ 37.2304, 29.6711,
11.3352

■ 63.8807, 66.6498,
70.5368

■ 34.8462, 25.9835,
7.2086

■ 70.6414, 75.5443,
87.0544

■ 32.9595, 22.9183,
4.3960

■ 78.1291, 85.2839,
105.6914

■ 31.5254, 20.4363,
2.7276

■ 82.4253, 93.4917,
108.3092

■ 30.7640, 19.0491,
2.0554

Harmonies

Analogous

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



50.4500, 44.8013, 40.7832



47.7287, 44.8013, 32.9200



43.7422, 44.8013, 29.4474

Triad

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



47.7287, 44.8013, 32.9200



35.1495, 44.8013, 45.5622



45.6123, 44.8013, 73.2945

Complementary

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



47.7287, 44.8013, 32.9200



43.4925, 49.6113, 72.9293

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.



41.4430, 44.8013, 75.1331



47.7287, 44.8013, 32.9200



35.5783, 44.8013, 57.7615

Square

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



47.7287, 44.8013, 32.9200



36.6078, 44.8013, 35.9289



37.8198, 44.8013, 69.0599



49.1738, 44.8013, 64.3819

Rectangle

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



47.7287, 44.8013, 32.9200



40.9768, 44.8013, 29.6196



37.8198, 44.8013, 69.0599



44.2292, 44.8013, 74.8126

Sweetspot

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



47.7299, 44.8034, 32.9209



85.9248, 87.8891, 86.9309



48.5010, 38.9070, 56.1105



18.1344, 18.4680, 17.9966



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.



47.7299, 44.8034, 32.9209



64.4624, 58.5052, 38.0321



55.2716, 59.8869, 35.4348



13.3939, 13.7272, 13.6693



18.7076, 11.7007, 1.2725



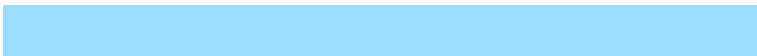
1.2884, 0.9108, 0.1079

Inverse Universe

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



43.4925, 49.6113, 72.9293



57.4172, 66.4530, 104.4082



36.4629, 35.5520, 70.5860



13.0758, 14.0914, 16.6829



14.0597, 15.9888, 42.0835



0.9873, 1.1887, 2.7519

Previews

White Background



This preview shows how the XYZ color 47.7287, 44.8013, 32.9200 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 47.7287, 44.8013, 32.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

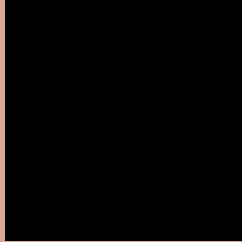
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7287, 44.8013, 32.9200

Background



This preview shows how black text looks on a background with the XYZ color 47.7287, 44.8013, 32.9200.



This preview shows how white text looks on a background with the XYZ color 47.7287, 44.8013,

32.9200.

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

47.7287, 44.8013, 32.9200

Protanopia

42.4117, 44.8616, 35.2780

Deuteranopia

45.7990, 44.9286, 32.6438



Tritanopia

50.6271, 44.9012, 47.0727

Trichromacy



Original Color

47.7287, 44.8013, 32.9200

Protanomaly

44.0345, 44.5523, 34.2956

Deuteranomaly

46.4609, 44.9883, 32.6204

Tritanomaly

49.4601, 44.6869, 41.6159

Monochromacy



Original Color

47.7287, 44.8013, 32.9200

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.4927, 45.1781, 42.9345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7287, 44.8013, 32.9200 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(217, 168, 145)` looks like.

```
.text, #text, p{  
    color:rgb(217, 168, 145)  
}
```

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(217, 168, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 168, 145) }
```

Border

The CSS property to change the border of an element to XYZ 47.7287, 44.8013, 32.9200 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(217, 168, 145) }
```


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

```
.border{ border-color:rgb(217, 168, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 168, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 168, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 168, 145);  
box-shadow:4px 4px 4px 4px rgb(217, 168,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7287, 44.8013, 32.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 168, 145) }
```

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

```
.background{ background-color: rgb(217,  
168, 145) }
```

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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