

Converting Colors

XYZ(47.7047, 49.7690, 44.6288)

Have a look what the booklet for
XYZ(47.7047, 49.7690, 44.6288)
contains.

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Color

**XYZ(47.7463, 49.8527,
44.6422)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BAA9
RGB	197, 186, 169
RGB Percent	77%, 73%, 66%
CMY	0.2274, 0.2706, 0.3372
CMYK	0.00, 0.06, 0.14, 0.23
HSL	36°, 19%, 72%
HSV	36°, 14%, 77%
XYZ	47.7463, 49.8527, 44.6422
YIQ	187.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

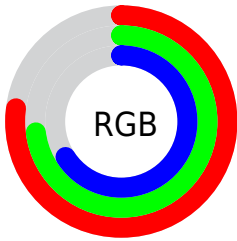
Format	Color
RYB	187, 197, 169
Decimal	12958377
CIELab	75.98, 1.01, 10.00
CIElCh	76, 10.055, 84.239
Yxy	49.8527, 0.3357, 0.3505
Android (android.graphics.Color)	4291148457 (0xFFC5BAA9)
YUV	187.3510, -9.0470, 8.4622
Hunter-Lab	70.6064, -2.8540, 11.9373

Details

The XYZ color **47.7463, 49.8527, 44.6422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.7614, 45.1079, 59.2767**, and the grayscale version is **47.4782, 49.9507, 54.3963**.

A 20% lighter version of the original color is **86.0797, 89.9569, 83.3475**, and **22.9261, 23.8991, 20.2343** is the 20% darker color. If you saturate the color by 10%, you get **44.4489, 45.9976, 35.0958**, and if you desaturate by 10%, it is **51.4134, 54.0002, 55.6878**.

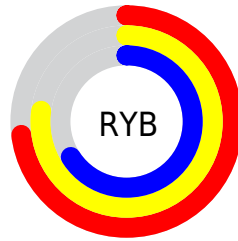
Distribution



Red (77%)

Green (73%)

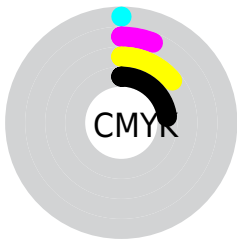
Blue (66%)



Red (73%)

Yellow (77%)

Blue (66%)

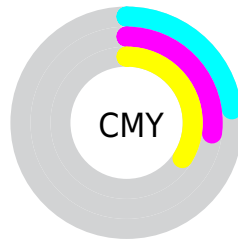


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7463, 49.8527, 44.6422 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 47.7463, 49.8527, 44.6422 by changing the saturation by 10% instead.

■ 47.7463, 49.8527,
44.6422

■ 47.7463, 49.8527,
44.6422

368.3850,
386.0896, 381.4403

■ 33.8364, 35.2964,
30.8348

■ 86.0385, 89.9566,
83.4960

■ 22.9303, 23.8913,
20.2157

111.1516,
116.2729, 109.3794

■ 14.6624, 15.2530,
12.3663

140.7298,
147.2781, 140.1253

■ 8.6676, 8.9971,
6.8681

175.1385,
183.3564, 176.1522

■ 4.5804, 4.7393,
3.3025

214.7430,
224.8924, 217.8786

■ 2.0354, 2.0951,
1.2511

259.9087,

■ 0.6537, 0.6619,

272.2703, 265.7231

0.0212

311.0009,
325.8746, 320.1041

■ 0.0000, 0.0000,
0.0000

■ 47.7463, 49.8527,
44.6422

■ 47.7463, 49.8527,
44.6422

■ 44.4489, 45.9976,
35.0958

■ 51.4134, 54.0002,
55.6878

■ 41.5033, 42.4206,
26.9796

■ 55.4591, 58.4408,
68.2911

■ 38.8961, 39.1157,
20.2237

■ 59.8970, 63.1839,
82.5117

■ 36.6113, 36.0742,
14.7512

■ 64.7390, 68.2360,
98.4046

■ 34.6314, 33.2866,
10.4773

■ 67.9171, 72.7723,
105.0746

■ 32.9369, 30.7428,
7.3070

■ 70.0524, 77.0429,
105.7864

■ 31.5055, 28.4314,
5.1306

■ 72.2837, 81.5055,
106.5301

■ 30.3106, 26.3389,
3.8153

■ 74.6121, 86.1624,
107.3063

■ 29.6987, 25.2156,
3.3018

■ 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



49.5219, 49.8527, 46.3260



47.7463, 49.8527, 44.6422



45.9187, 49.8527, 45.3998

Triad

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



47.7463, 49.8527, 44.6422



44.1714, 49.8527, 58.6316



50.3698, 49.8527, 60.5417

Complementary

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



47.7463, 49.8527, 44.6422



42.7614, 45.1079, 59.2767

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.



48.8792, 49.8527, 64.2512



47.7463, 49.8527, 44.6422



45.3076, 49.8527, 63.0985

Square

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



47.7463, 49.8527, 44.6422



43.8861, 49.8527, 53.2513



47.0225, 49.8527, 65.2163



51.0620, 49.8527, 55.3241

Rectangle

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



47.7463, 49.8527, 44.6422



44.9124, 49.8527, 47.2145



47.0225, 49.8527, 65.2163



49.9436, 49.8527, 62.0198

Sweetspot

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



47.7477, 49.8549, 44.6433



92.1863, 96.8311, 100.0577



45.4731, 43.5504, 49.2969



19.6191, 20.6004, 21.0716



0.0000, 0.0000, 0.0000



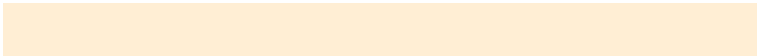
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7477, 49.8549, 44.6433



83.6470, 87.1307, 74.4654



49.4277, 54.2934, 45.4114



11.1608, 11.6907, 11.2311



19.6173, 16.7518, 2.1995



0.9980, 0.9314, 0.1272

Inverse Universe

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



42.7614, 45.1079, 59.2767



73.0299, 77.0237, 105.6257



41.2361, 41.1560, 58.5943



10.3927, 10.9594, 13.4851



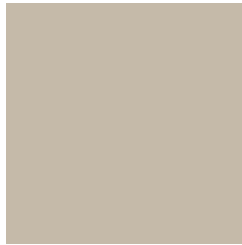
8.4674, 6.3287, 35.5196



0.4712, 0.4402, 1.7053

Previews

White Background



This preview shows how the XYZ color 47.7463, 49.8527, 44.6422 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 47.7463, 49.8527, 44.6422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

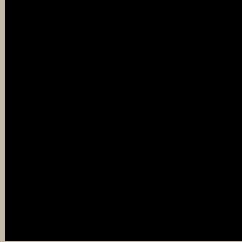
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7463, 49.8527, 44.6422

Background



This preview shows how black text looks on a background with the XYZ color 47.7463, 49.8527, 44.6422.

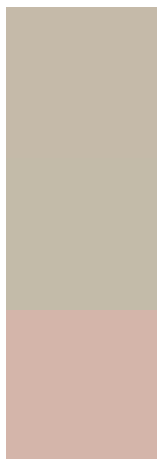


This preview shows how white text looks on a background with the XYZ color 47.7463, 49.8527,

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

47.7463, 49.8527, 44.6422

Protanopia

47.4374, 50.0073, 44.6883

Deuteranopia

50.9309, 49.9471, 44.9866



Tritanopia

50.7791, 49.8589, 59.1719

Trichromacy



Original Color

47.7463, 49.8527, 44.6422

Protanomaly

47.6967, 50.1410, 44.7004

Deuteranomaly

49.9213, 50.0347, 45.0567

Tritanomaly

49.6158, 49.6915, 53.4308

Monochromacy



Original Color

47.7463, 49.8527, 44.6422

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4944, 49.9123, 50.3108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7463, 49.8527, 44.6422 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(197, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 169)  
}
```

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(197, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 169) }
```

Border

The CSS property to change the border of an element to XYZ 47.7463, 49.8527, 44.6422 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(197, 186, 169) }
```


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

```
.border{ border-color:rgb(197, 186, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 169);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7463, 49.8527, 44.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 169) }
```

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

```
.background{ background-color: rgb(197,  
186, 169) }
```

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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