

Converting Colors

XYZ(43.8622, 47.0488, 27.4295)

Have a look what the booklet for
XYZ(43.8622, 47.0488, 27.4295)
contains.

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Color

**XYZ(43.7164, 46.9112,
27.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B681
RGB	197, 182, 129
RGB Percent	77%, 71%, 51%
CMY	0.2274, 0.2863, 0.4941
CMYK	0.00, 0.08, 0.35, 0.23
HSL	47°, 37%, 64%
HSV	47°, 35%, 77%
XYZ	43.7164, 46.9112, 27.5195
YIQ	180.4430, 25.9530, -13.3030

Conversions

Conversions Part 2

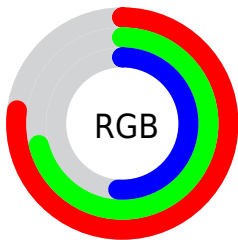
Format	Color
RYB	148, 197, 129
Decimal	12957313
CIELab	74.13, -2.55, 28.95
CIELCh	74, 29.062, 95.028
Yxy	46.9112, 0.3700, 0.3971
Android (android.graphics.Color)	4291147393 (0xFFC5B681)
YUV	180.4430, -25.3614, 14.5205
Hunter-Lab	68.4918, -5.9289, 24.1219

Details

The XYZ color **43.7164, 46.9112, 27.5195** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.1044, 28.6441, 56.8184**, and the grayscale version is **43.7440, 46.0221, 50.1181**.

A 20% lighter version of the original color is **79.8911, 85.5973, 56.5672**, and **20.4169, 22.0158, 10.5705** is the 20% darker color. If you saturate the color by 10%, you get **41.6556, 44.6869, 20.9832**, and if you desaturate by 10%, it is **46.0597, 49.2960, 35.3965**.

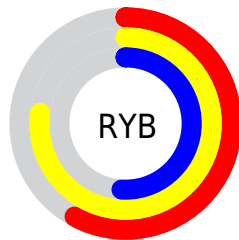
Distribution



Red (77%)

Green (71%)

Blue (51%)



Red (58%)

Yellow (77%)

Blue (51%)

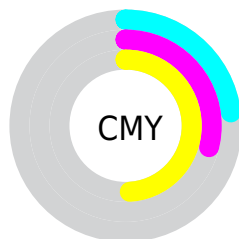


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7164, 46.9112, 27.5195 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 43.7164, 46.9112, 27.5195 by changing the saturation by 10% instead.

■ 43.7164, 46.9112,
27.5195

■ 43.7164, 46.9112,
27.5195

352.4215,
374.4600, 304.0031

■ 30.6446, 32.9655,
17.7279

■ 80.0398, 85.5811,
56.7302

■ 20.4788, 22.1000,
10.5874

■ 104.0221,
111.0740, 76.9864

■ 12.8539, 13.9304,
5.6795

■ 132.3719,
141.1847, 101.5678

■ 7.4043, 8.0723,
2.5855

165.4547,
176.2977, 130.8931

■ 3.7648, 4.1412,
0.8850

203.6356,
216.7973, 165.3807

■ 1.5699, 1.7529,
0.0000

247.2802,

■ 0.3727, 0.4575,

263.0680, 205.4492

0.0000

296.7537,
315.4941, 251.5172

■ 0.0000, 0.0000,
0.0000

■ 43.7164, 46.9112,
27.5195

■ 43.7164, 46.9112,
27.5195

■ 41.6556, 44.6869,
20.9832

■ 46.0597, 49.2960,
35.3965

■ 39.8589, 42.6104,
15.7080

■ 48.6955, 51.8406,
44.6820

■ 38.3112, 40.6769,
11.6103

■ 51.6377, 54.5528,
55.4426

■ 36.9942, 38.8786,
8.5950

■ 54.8983, 57.4377,
67.7399

■ 35.8869, 37.2067,
6.5523

■ 58.4885, 60.5000,
81.6317

■ 34.9636, 35.6506,
5.3491

■ 62.4189, 63.7446,
97.1732

■ 34.5087, 34.8357,
4.9052

■ 64.7235, 66.3852,
104.0101

■ 65.8270, 68.5922,
104.3779

■ 66.9599, 70.8581,
104.7556

Harmonies

Analogous

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



48.9468, 46.9112, 29.2555



43.7164, 46.9112, 27.5195



39.0874, 46.9112, 31.0222

Triad

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



43.7164, 46.9112, 27.5195



36.8856, 46.9112, 69.3557



54.2875, 46.9112, 64.1567

Complementary

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



43.7164, 46.9112, 27.5195



29.1044, 28.6441, 56.8184

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.



50.5812, 46.9112, 78.3216



43.7164, 46.9112, 27.5195



40.4954, 46.9112, 81.7092

Square

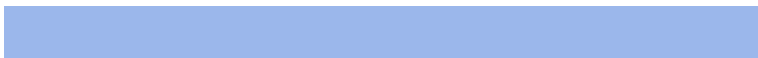
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.7164, 46.9112, 27.5195



35.3443, 46.9112, 53.6315



45.4705, 46.9112, 85.2732



55.3166, 46.9112, 48.6075

Rectangle

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



43.7164, 46.9112, 27.5195



36.8806, 46.9112, 36.3507



45.4705, 46.9112, 85.2732



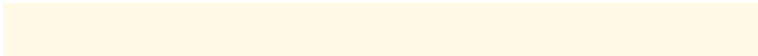
53.3000, 46.9112, 69.3272

Sweetspot

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



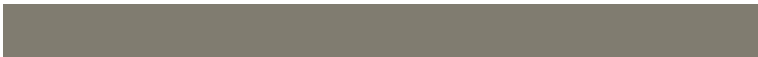
43.7176, 46.9133, 27.5205



89.4450, 94.9296, 88.1043



35.9772, 29.6116, 30.5541



18.9863, 20.1717, 18.2805



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.



43.7176, 46.9133, 27.5205



75.6223, 81.1584, 40.7239



42.4886, 51.0856, 28.3906



11.3178, 12.0048, 11.2834



22.7618, 23.0409, 3.2477



1.1283, 1.1920, 0.1706

Inverse Universe

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



29.1044, 28.6441, 56.8184



45.7514, 43.8283, 100.6561



29.9853, 25.9477, 56.2515



10.2432, 10.6605, 13.4353



7.2594, 3.9126, 35.1170



0.3993, 0.2965, 1.6813

Previews

White Background



This preview shows how the XYZ color 43.7164, 46.9112, 27.5195 looks on a white background.

Color Contrast Check

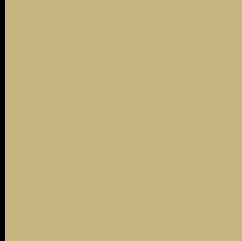
Large Text (above 18pt) WCAG AA × Fail

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 43.7164, 46.9112, 27.5195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

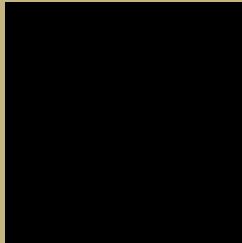
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7164, 46.9112, 27.5195

Background



This preview shows how black text looks on a background with the XYZ color 43.7164, 46.9112, 27.5195.



This preview shows how white text looks on a background with the XYZ color 43.7164, 46.9112,

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

43.7164, 46.9112, 27.5195

Protanopia

43.7164, 46.9112, 27.5195

Deuteranopia

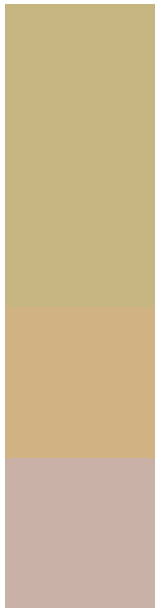
47.7456, 46.8976, 28.0084



Tritanopia

49.1150, 46.7403, 54.0101

Trichromacy



Original Color

43.7164, 46.9112, 27.5195

Protanomaly

43.7164, 46.9112, 27.5195

Deuteranomaly

46.2442, 47.0078, 27.7552

Tritanomaly

46.7846, 46.6518, 43.0981

Monochromacy



Original Color

43.7164, 46.9112, 27.5195

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2066, 46.0601, 40.3315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7164, 46.9112, 27.5195 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, 182, 129)` looks like.

```
.text, #text, p{  
    color:rgb(197, 182, 129)  
}
```

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, 182, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 182, 129) }
```

Border

The CSS property to change the border of an element to XYZ 43.7164, 46.9112, 27.5195 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, 182, 129) }
```


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

```
.border{ border-color:rgb(197, 182, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 182, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 182, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 182, 129);  
box-shadow:4px 4px 4px 4px rgb(197, 182,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7164, 46.9112, 27.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 182, 129) }
```

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

```
.background{ background-color: rgb(197,  
182, 129) }
```

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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