

Converting Colors

XYZ(47.5385, 50.0751, 29.7144)

Have a look what the booklet for
XYZ(47.5385, 50.0751, 29.7144)
contains.

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Color

**XYZ(47.5941, 50.1044,
29.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBA86
RGB	207, 186, 134
RGB Percent	81%, 73%, 53%
CMY	0.1882, 0.2706, 0.4745
CMYK	0.00, 0.10, 0.35, 0.19
HSL	43°, 43%, 67%
HSV	43°, 35%, 81%
XYZ	47.5941, 50.1044, 29.7169
YIQ	186.3510, 29.2080, -11.7200

Conversions

Conversions Part 2

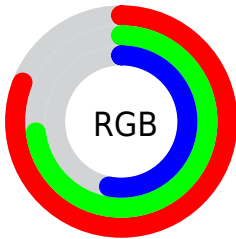
Format	Color
RYB	163, 207, 134
Decimal	13613702
CIELab	76.13, -0.08, 29.12
CIELCh	76, 29.119, 90.157
Yxy	50.1044, 0.3735, 0.3932
Android (android.graphics.Color)	4291803782 (0xFFCFBA86)
YUV	186.3510, -25.8090, 18.1092
Hunter-Lab	70.7845, -3.8529, 24.6579

Details

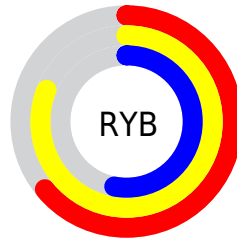
The XYZ color **47.5941, 50.1044, 29.7169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.8151, 33.0151, 63.6746**, and the grayscale version is **46.9988, 49.4464, 53.8472**.

A 20% lighter version of the original color is **82.0692, 88.3951, 60.3134**, and **22.9367, 24.0906, 11.8286** is the 20% darker color. If you saturate the color by 10%, you get **45.0615, 47.1279, 22.4336**, and if you desaturate by 10%, it is **50.4641, 53.3031, 38.5080**.

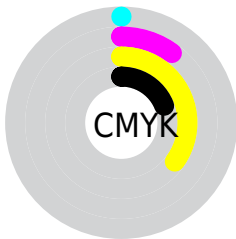
Distribution



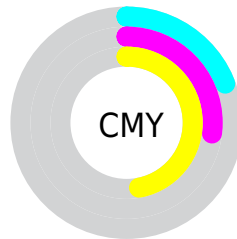
- Red (81%)
- Green (73%)
- Blue (53%)



- Red (64%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5941, 50.1044, 29.7169 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 47.5941, 50.1044, 29.7169 by changing the saturation by 10% instead.

■ 47.5941, 50.1044,
29.7169

■ 47.5941, 50.1044,
29.7169

367.7904,
387.0741, 314.7487

■ 33.7155, 35.4964,
19.3736

■ 85.8131, 90.3295,
60.2699

■ 22.8370, 24.0455,
11.7610

■ 110.8842,
116.7154, 81.3166

■ 14.5932, 15.3674,
6.4606

■ 140.4168,
147.7961, 106.7683

■ 8.6188, 9.0776,
3.0538

174.7763,
183.9558, 137.0433

■ 4.5485, 4.7918,
1.1222

214.3281,
225.5791, 172.5604

■ 2.0169, 2.1257,
0.0000

259.4375,

■ 0.6434, 0.6790,

273.0503, 213.7379

0.0000

310.4698,
326.7538, 260.9946

■ 0.0000, 0.0000,
0.0000

■ 47.5941, 50.1044,
29.7169

■ 47.5941, 50.1044,
29.7169

■ 45.0615, 47.1279,
22.4336

■ 50.4641, 53.3031,
38.5080

■ 42.8454, 44.3588,
16.5676

■ 53.6836, 56.7244,
48.8841

■ 40.9280, 41.7908,
12.0234

■ 57.2685, 60.3775,
60.9210

■ 39.2882, 39.4143,
8.6924

■ 61.2327, 64.2688,
74.6884

■ 37.9014, 37.2186,
6.4484

■ 65.5893, 68.4045,
90.2522

■ 36.7376, 35.1904,
5.1376

■ 69.8307, 72.5826,
104.9371

■ 36.2384, 34.2778,
4.7063

■ 71.4375, 75.7961,
105.4727

■ 73.1006, 79.1224,
106.0271

■ 74.8207, 82.5625,
106.6004

Harmonies

Analogous

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



53.0284, 50.1044, 32.4502



47.5941, 50.1044, 29.7169



42.5515, 50.1044, 32.5083

Triad

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



47.5941, 50.1044, 29.7169



39.1269, 50.1044, 71.0578



57.2995, 50.1044, 70.8885

Complementary

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



47.5941, 50.1044, 29.7169



32.8151, 33.0151, 63.6746

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.



53.0817, 50.1044, 84.8257



47.5941, 50.1044, 29.7169



42.5975, 50.1044, 84.9358

Square

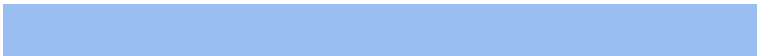
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.5941, 50.1044, 29.7169



37.8963, 50.1044, 54.6372



47.6514, 50.1044, 90.3929



58.8855, 50.1044, 54.4732

Rectangle

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



47.5941, 50.1044, 29.7169



40.0237, 50.1044, 37.5023



47.6514, 50.1044, 90.3929



56.1274, 50.1044, 76.1232

Sweetspot

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



47.5954, 50.1067, 29.7179



88.3384, 93.2836, 85.9865



40.2499, 32.7131, 35.6015



18.7420, 19.7963, 17.8505



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.



47.5954, 50.1067, 29.7179



73.2861, 76.8123, 38.9392



48.4558, 57.6058, 31.1201



12.5042, 13.1991, 12.5007



22.9163, 21.7656, 2.9934



1.3475, 1.3493, 0.1894

Inverse Universe

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



32.8151, 33.0151, 63.6746



46.3053, 45.6278, 100.9742



32.1097, 27.9078, 62.7259



11.4367, 11.9636, 14.9501



8.1694, 4.9855, 37.7242



0.5250, 0.4153, 2.1320

Previews

White Background



This preview shows how the XYZ color 47.5941, 50.1044, 29.7169 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 47.5941, 50.1044, 29.7169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

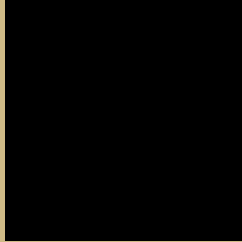
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5941, 50.1044, 29.7169

Background



This preview shows how black text looks on a background with the XYZ color 47.5941, 50.1044, 29.7169.

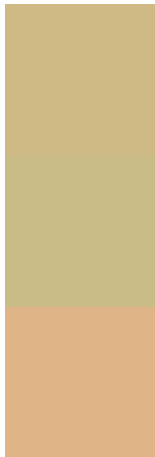


This preview shows how white text looks on a background with the XYZ color 47.5941, 50.1044,

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

47.5941, 50.1044, 29.7169

Protanopia

46.7135, 50.2723, 30.1631

Deuteranopia

51.1259, 50.0798, 29.8934



Tritanopia

52.8754, 49.7927, 56.6933

Trichromacy



Original Color

47.5941, 50.1044, 29.7169

Protanomaly

47.0453, 50.1273, 30.1176

Deuteranomaly

49.7164, 49.9569, 29.9440

Tritanomaly

50.7385, 49.8369, 45.4734

Monochromacy



Original Color

47.5941, 50.1044, 29.7169

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7821, 49.3772, 43.6243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5941, 50.1044, 29.7169 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(207, 186, 134)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 134)  
}
```

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(207, 186, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 134) }
```

Border

The CSS property to change the border of an element to XYZ 47.5941, 50.1044, 29.7169 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(207, 186, 134) }
```


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

```
.border{ border-color:rgb(207, 186, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 134);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5941, 50.1044, 29.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 134) }
```

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

```
.background{ background-color: rgb(207,  
186, 134) }
```

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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