

Converting Colors

XYZ(42.5681, 50.0160, 29.1820)

Have a look what the booklet for
XYZ(42.5681, 50.0160, 29.1820)
contains.

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Color

**XYZ(42.7480, 50.1946,
29.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C284
RGB	182, 194, 132
RGB Percent	71%, 76%, 52%
CMY	0.2863, 0.2392, 0.4823
CMYK	0.06, 0.00, 0.32, 0.24
HSL	72°, 34%, 64%
HSV	72°, 32%, 76%
XYZ	42.7480, 50.1946, 29.2653
YIQ	183.3440, 12.7500, -21.8260

Conversions

Conversions Part 2

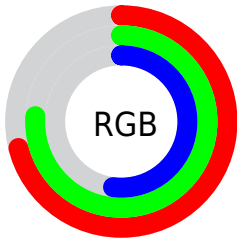
Format	Color
R_{YB}	132, 194, 144
Decimal	11977348
CIE _{Lab}	76.19, -14.28, 29.88
CIE _{LCh}	76, 33.112, 115.546
Yxy	50.1946, 0.3498, 0.4107
Android (android.graphics.Color)	4290167428 (0xFFB6C284)
YUV	183.3440, -25.3126, -1.1787
Hunter-Lab	70.8481, -16.2818, 25.1027

Details

The XYZ color **42.7480, 50.1946, 29.2653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.4925, 26.3283, 54.5693**, and the grayscale version is **45.3295, 47.6902, 51.9346**.

A 20% lighter version of the original color is **78.6451, 90.2671, 59.7326**, and **19.8032, 23.9546, 11.5626** is the 20% darker color. If you saturate the color by 10%, you get **40.6672, 49.2629, 22.8707**, and if you desaturate by 10%, it is **45.1021, 51.2418, 36.9634**.

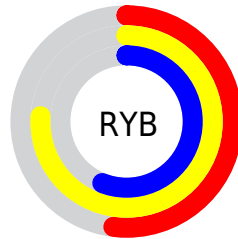
Distribution



Red (71%)

Green (76%)

Blue (52%)



Red (52%)

Yellow (76%)

Blue (56%)

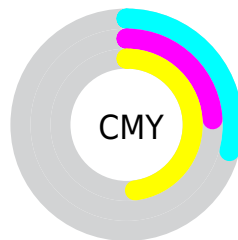


Cyan (6%)

Magenta (0%)

Yellow (32%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7480, 50.1946, 29.2653 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 42.7480, 50.1946, 29.2653 by changing the saturation by 10% instead.

■ 42.7480, 50.1946,
29.2653

■ 42.7480, 50.1946,
29.2653

348.5135,
387.4265, 312.5647

■ 29.8811, 35.5680,
19.0343

■ 78.5885, 90.4631,
59.5455

■ 19.8960, 24.1008,
11.5180

■ 102.2929,
116.8739, 80.4319

■ 12.4273, 15.4084,
6.2979

■ 130.3404,
147.9815, 105.7070

■ 7.1096, 9.1065,
2.9553

163.0965,
184.1704, 135.7896

■ 3.5777, 4.8107,
1.0719

200.9265,
225.8250, 171.0981

■ 1.4661, 2.1366,
0.0000

244.1958,

■ 0.3026, 0.6851,

273.3296, 212.0511

0.0000

293.2696,
327.0686, 259.0671

■ 0.0000, 0.0000,
0.0000

■ 42.7480, 50.1946,
29.2653

■ 42.7480, 50.1946,
29.2653

■ 40.6672, 49.2629,
22.8707

■ 45.1021, 51.2418,
36.9634

■ 38.8419, 48.4344,
17.7043

■ 47.7385, 52.4030,
46.0284

■ 37.2582, 47.7052,
13.6877


■ 50.6703, 53.6852,
56.5236


■ 35.8992, 47.0686,
10.7326


■ 53.9090, 55.0929,
68.5071


■ 34.7453, 46.5167,
8.7374

■ 57.4651, 56.6304,
82.0341


 33.7733, 46.0402,
7.5813

 61.3486, 58.3017,
97.1567

 33.0888, 45.6978,
7.0766

 63.4381, 59.2583,
102.7022

 64.5088, 59.8103,
102.7523

 65.6047, 60.3753,
102.8036

Harmonies

Analogous

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



48.6408, 50.1946, 27.1829



42.7480, 50.1946, 29.2653



38.5344, 50.1946, 37.5173

Triad

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



42.7480, 50.1946, 29.2653



41.2741, 50.1946, 87.9333



60.6141, 50.1946, 57.3494

Complementary

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



42.7480, 50.1946, 29.2653



29.4925, 26.3283, 54.5693

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.



58.2340, 50.1946, 76.3445



42.7480, 50.1946, 29.2653



46.7882, 50.1946, 96.2692

Square

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



42.7480, 50.1946, 29.2653



37.7366, 50.1946, 70.7456



53.0385, 50.1946, 91.6263



59.2984, 50.1946, 41.2076

Rectangle

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



42.7480, 50.1946, 29.2653



37.0663, 50.1946, 46.5632



53.0385, 50.1946, 91.6263



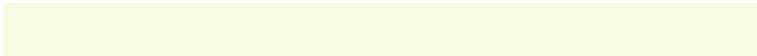
60.2144, 50.1946, 63.6302

Sweetspot

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



42.7493, 50.1968, 29.2664



87.4016, 95.3377, 86.6169



36.2924, 32.8920, 26.2665



18.9800, 20.8078, 18.4036



0.0000, 0.0000, 0.0000



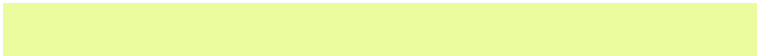
20.3446, 21.4041, 23.3091

Same Dimension

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



42.7493, 50.1968, 29.2664



74.8876, 89.7931, 45.0682



36.3388, 46.8921, 28.9664



10.7161, 11.6566, 10.7470



21.8201, 30.0775, 4.6555



0.9930, 1.3254, 0.2035

Inverse Universe

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



29.4925, 26.3283, 54.5693



47.3180, 40.1331, 97.7223



35.5280, 29.4397, 54.8517



9.7063, 9.8398, 12.6725



6.9704, 2.8538, 33.7401



0.3570, 0.1521, 1.4604

Previews

White Background



This preview shows how the XYZ color 42.7480, 50.1946, 29.2653 looks on a white background.

Color Contrast Check

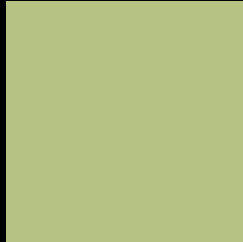
Large Text (above 18pt) WCAG AA × Fail

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 42.7480, 50.1946, 29.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

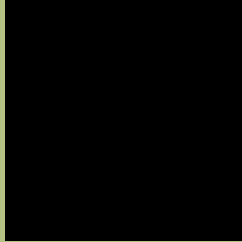
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7480, 50.1946, 29.2653

Background



This preview shows how black text looks on a background with the XYZ color 42.7480, 50.1946, 29.2653.



This preview shows how white text looks on a background with the XYZ color 42.7480, 50.1946,

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

42.7480, 50.1946, 29.2653

Protanopia

46.5743, 50.2479, 28.0130

Deuteranopia

51.1259, 50.0798, 29.8934



Tritanopia

49.2601, 49.9444, 61.6875

Trichromacy



Original Color

42.7480, 50.1946, 29.2653

Protanomaly

44.9484, 50.0407, 28.4089

Deuteranomaly

47.6645, 49.8291, 29.6600

Tritanomaly

46.4601, 49.7530, 47.7120

Monochromacy



Original Color

42.7480, 50.1946, 29.2653

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9996, 48.2883, 42.1235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7480, 50.1946, 29.2653 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(182, 194, 132)` looks like.

```
.text, #text, p{  
    color:rgb(182, 194, 132)  
}
```

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(182, 194, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 132) }
```

Border

The CSS property to change the border of an element to XYZ 42.7480, 50.1946, 29.2653 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(182, 194, 132) }
```


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

```
.border{ border-color:rgb(182, 194, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 194, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 194, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 194, 132);  
box-shadow:4px 4px 4px 4px rgb(182, 194,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7480, 50.1946, 29.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 132) }
```

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

```
.background{ background-color: rgb(182,  
194, 132) }
```

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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