

Converting Colors

XYZ(41.5925, 50.9383, 29.4697)

Have a look what the booklet for
XYZ(41.5925, 50.9383, 29.4697)
contains.

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Color

**XYZ(41.5925, 50.9383,
29.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC684
RGB	173, 198, 132
RGB Percent	68%, 78%, 52%
CMY	0.3216, 0.2235, 0.4823
CMYK	0.13, 0.00, 0.33, 0.22
HSL	83°, 37%, 65%
HSV	83°, 33%, 78%
XYZ	41.5925, 50.9383, 29.4697
YIQ	183.0010, 6.2860, -25.8260

Conversions

Conversions Part 2

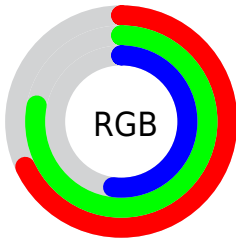
Format	Color
RYB	132, 198, 157
Decimal	11388548
CIELab	76.64, -19.71, 30.36
CIELCh	77, 36.197, 123.002
Yxy	50.9383, 0.3409, 0.4175
Android (android.graphics.Color)	4289578628 (0xFFADC684)
YUV	183.0010, -25.1435, -8.7709
Hunter-Lab	71.3711, -20.8760, 25.4784

Details

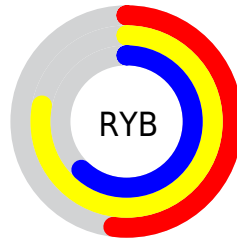
The XYZ color **41.5925, 50.9383, 29.4697** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.3509, 27.7492, 57.0799**, and the grayscale version is **45.1425, 47.4935, 51.7204**.

A 20% lighter version of the original color is **76.9360, 91.7232, 60.1038**, and **19.2420, 24.5488, 11.7069** is the 20% darker color. If you saturate the color by 10%, you get **38.7521, 49.6176, 22.9228**, and if you desaturate by 10%, it is **44.7858, 52.4144, 37.3775**.

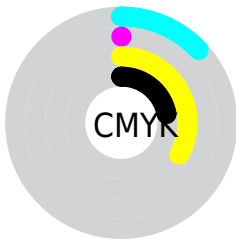
Distribution



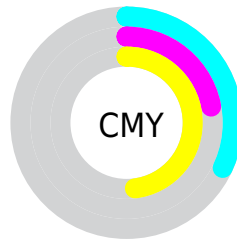
- Red (68%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5925, 50.9383, 29.4697 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 41.5925, 50.9383, 29.4697 by changing the saturation by 10% instead.

■ 41.5925, 50.9383,
29.4697

■ 41.5925, 50.9383,
29.4697

343.8113,
390.3240, 313.5547

■ 28.9721, 36.1595,
19.1878

■ 76.8516, 91.5636,
59.8736

■ 19.2039, 24.5574,
11.6279

■ 100.2209,
118.1788, 80.8326

■ 11.9226, 15.7476,
6.3714

■ 127.9039,
149.5084, 106.1878

■ 6.7628, 9.3457,
2.9998

160.2659,
185.9366, 136.3577

■ 3.3592, 4.9674,
1.0945

197.6723,
227.8478, 171.7608

■ 1.3464, 2.2281,
0.0000

240.4884,

■ 0.2176, 0.7353,

275.6266, 212.8156

0.0000

289.0797,
329.6572, 259.9408

■ 0.0000, 0.0000,
0.0000

■ 41.5925, 50.9383,
29.4697

■ 41.5925, 50.9383,
29.4697

■ 38.7521, 49.6176,
22.9228

■ 44.7858, 52.4144,
37.3775

■ 36.2447, 48.4389,
17.6567

■ 48.3431, 54.0453,
46.7139

■ 34.0539, 47.3973,
13.5879


■ 52.2797, 55.8390,
57.5458


■ 32.1601, 46.4847,
10.6215


■ 56.6085, 57.8008,
69.9352

■ 30.5411, 45.6921,
8.6486


■ 61.3422, 59.9361,
83.9402


 29.1702, 45.0085,
7.5376

 66.4926, 62.2495,
99.6163

 28.3625, 44.6007,
7.1139

 69.4552, 63.6996,
103.2423

 71.8525, 64.9355,
103.3545

 74.3539, 66.2250,
103.4716

Harmonies

Analogous

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



47.7291, 50.9383, 25.6871



41.5925, 50.9383, 29.4697



37.6061, 50.9383, 40.0464

Triad

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



41.5925, 50.9383, 29.4697



42.6810, 50.9383, 96.3009



62.7894, 50.9383, 53.5120

Complementary

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



41.5925, 50.9383, 29.4697



32.3509, 27.7492, 57.0799

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.



61.1195, 50.9383, 74.4019



41.5925, 50.9383, 29.4697



49.1081, 50.9383, 102.2821

Square

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



41.5925, 50.9383, 29.4697



38.1917, 50.9383, 78.6397



55.9462, 50.9383, 93.4765



60.3177, 50.9383, 37.3564

Rectangle

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



41.5925, 50.9383, 29.4697



36.4879, 50.9383, 50.9947



55.9462, 50.9383, 93.4765



62.6942, 50.9383, 60.1853

Sweetspot

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



41.5938, 50.9405, 29.4708



87.7476, 96.6787, 88.5314



39.3775, 37.5175, 26.9967



18.5741, 20.5985, 18.3846



0.0000, 0.0000, 0.0000



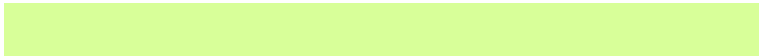
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5938, 50.9405, 29.4708



69.9348, 88.4735, 43.5281



35.3110, 47.7017, 29.1768



11.1196, 12.2086, 11.3332



18.5415, 29.0538, 4.6307



0.9566, 1.4162, 0.2229

Inverse Universe

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



32.3509, 27.7492, 57.0799



51.0888, 41.1622, 99.8602



39.4821, 31.4255, 57.4136



10.4301, 10.4800, 13.3906



8.6045, 3.6700, 34.9992



0.4877, 0.2152, 1.6610

Previews

White Background



This preview shows how the XYZ color 41.5925, 50.9383, 29.4697 looks on a white background.

Color Contrast Check

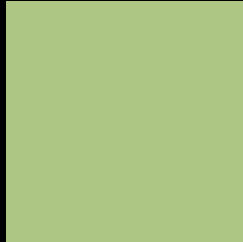
Large Text (above 18pt) WCAG AA × Fail

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 41.5925, 50.9383, 29.4697 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

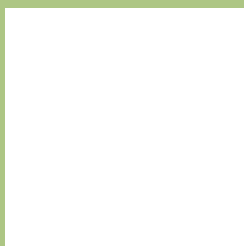
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5925, 50.9383, 29.4697

Background



This preview shows how black text looks on a background with the XYZ color 41.5925, 50.9383, 29.4697.



This preview shows how white text looks on a background with the XYZ color 41.5925, 50.9383,

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

41.5925, 50.9383, 29.4697

Protanopia

46.9957, 50.7911, 27.7488

Deuteranopia

51.7083, 50.6726, 30.3480



Tritanopia

48.6251, 50.8221, 64.3736

Trichromacy



Original Color

41.5925, 50.9383, 29.4697

Protanomaly

44.8044, 50.6217, 28.1784

Deuteranomaly

47.3203, 50.2691, 30.1305

Tritanomaly

45.4759, 50.4973, 49.4696

Monochromacy



Original Color

41.5925, 50.9383, 29.4697

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.2745, 48.2305, 42.1506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5925, 50.9383, 29.4697 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(173, 198, 132)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 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(173, 198, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 132) }
```

Border

The CSS property to change the border of an element to XYZ 41.5925, 50.9383, 29.4697 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(173, 198, 132) }
```


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

```
.border{ border-color:rgb(173, 198, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 132);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5925, 50.9383, 29.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 132) }
```

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

```
.background{ background-color: rgb(173,  
198, 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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