

Converting Colors

XYZ(50.8596, 61.0702, 47.7267)

Have a look what the booklet for
XYZ(50.8596, 61.0702, 47.7267)
contains.

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Color

**XYZ(50.9257, 61.1007,
47.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D6AB
RGB	183, 214, 171
RGB Percent	72%, 84%, 67%
CMY	0.2823, 0.1608, 0.3294
CMYK	0.14, 0.00, 0.20, 0.16
HSL	103°, 34%, 75%
HSV	103°, 20%, 84%
XYZ	50.9257, 61.1007, 47.6376
YIQ	199.8290, -4.6730, -19.9450

Conversions

Conversions Part 2

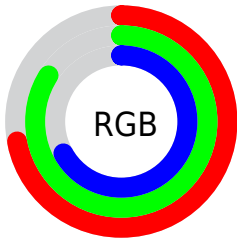
Format	Color
RYB	171, 214, 202
Decimal	12048043
CIELab	82.43, -18.18, 17.88
CIELCh	82, 25.497, 135.470
Yxy	61.1007, 0.3190, 0.3827
Android (android.graphics.Color)	4290238123 (0xFFB7D6AB)
YUV	199.8290, -14.2127, -14.7590
Hunter-Lab	78.1669, -20.4995, 18.5835

Details

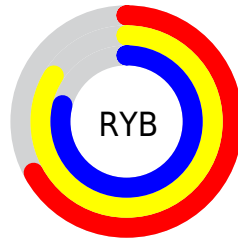
The XYZ color **50.9257, 61.1007, 47.6376** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.0601, 46.5391, 69.9134**, and the grayscale version is **54.8826, 57.7408, 62.8797**.

A 20% lighter version of the original color is **85.0841, 95.3617, 85.8737**, and **24.9338, 30.8740, 22.0979** is the 20% darker color. If you saturate the color by 10%, you get **45.5782, 58.5627, 37.5876**, and if you desaturate by 10%, it is **57.0091, 63.9835, 59.4485**.

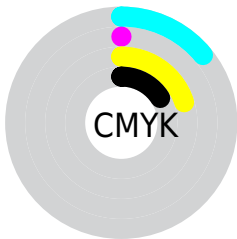
Distribution



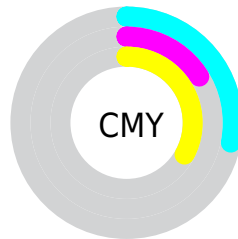
- Red (72%)
- Green (84%)
- Blue (67%)



- Red (67%)
- Yellow (84%)
- Blue (79%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)




- Cyan (28%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9257, 61.1007, 47.6376 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 50.9257, 61.1007, 47.6376 by changing the saturation by 10% instead.


 50.9257, 61.1007,
47.6376

 50.9257, 61.1007,
47.6376


380.6675,
428.6431, 393.8211

 36.3703, 44.3064,
33.1820


 90.7286, 106.4247,
88.0245

 24.8917, 30.9115,
21.9937


116.7068,
135.7233, 114.7929

 16.1247, 20.5315,
13.6540


147.2232,
169.9587, 146.5027

 9.7039, 12.7820,
7.7444

182.6433,
209.5155, 183.5724

 5.2638, 7.2786,
3.8464

223.3325,
254.7779, 226.4205

 2.4392, 3.6369,
1.5415

269.6560,

 0.8647, 1.4726,

306.1304, 275.4657

0.2485

321.9792,
363.9573, 331.1263

0.0000, 0.2693,
0.0000

0.0000, 0.0000,
0.0000

50.9257, 61.1007,
47.6376

50.9257, 61.1007,
47.6376

45.5782, 58.5627,
37.5876

57.0091, 63.9835,
59.4485

40.9330, 56.3486,
29.2104

63.8507, 67.2155,
73.0949

36.9608, 54.4471,
22.4162

71.4777, 70.8110,
88.6519

33.6285, 52.8434,
17.1052

79.6554, 74.6773,
104.8236

■ 30.8999, 51.5211,
13.1664

■ 83.3378, 76.5756,
104.9959

■ 28.7346, 50.4622,
10.4728

■ 27.0864, 49.6462,
8.8742

■ 25.8940, 49.0474,
8.1023

Harmonies

Analogous

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



55.3263, 61.1007, 41.6116



50.9257, 61.1007, 47.6376



48.5174, 61.1007, 59.2851

Triad

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



50.9257, 61.1007, 47.6376



55.4869, 61.1007, 99.9807



68.7609, 61.1007, 58.8466

Complementary

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



50.9257, 61.1007, 47.6376



51.0601, 46.5391, 69.9134

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.



68.8106, 61.1007, 74.3386



50.9257, 61.1007, 47.6376



60.9120, 61.1007, 99.8139

Square

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



50.9257, 61.1007, 47.6376



51.0370, 61.1007, 90.2754



65.8626, 61.1007, 89.8501



65.7307, 61.1007, 47.3600

Rectangle

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



50.9257, 61.1007, 47.6376



48.2631, 61.1007, 69.4275



65.8626, 61.1007, 89.8501



69.1327, 61.1007, 63.7109

Sweetspot

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



50.9273, 61.1033, 47.6389



88.7412, 97.0210, 96.2544



56.1623, 59.3941, 47.0331



18.8527, 20.6996, 20.3210



0.0000, 0.0000, 0.0000



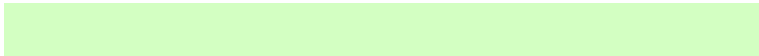
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9273, 61.1033, 47.6389



72.3038, 89.2367, 64.3348



49.1135, 60.0620, 52.3552



12.5845, 14.0620, 13.2117



15.7381, 29.6896, 4.9012



1.0296, 1.8322, 0.2994

Inverse Universe

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



51.0601, 46.5391, 69.9134



72.5314, 63.8785, 103.1147



53.2780, 47.8161, 63.9814



12.5995, 12.4505, 15.6766



15.5302, 7.1586, 39.0164



1.0153, 0.4723, 2.3570

Previews

White Background



This preview shows how the XYZ color 50.9257, 61.1007, 47.6376 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 50.9257, 61.1007, 47.6376 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

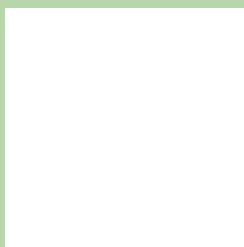
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9257, 61.1007, 47.6376

Background



This preview shows how black text looks on a background with the XYZ color 50.9257, 61.1007, 47.6376.



This preview shows how white text looks on a background with the XYZ color 50.9257, 61.1007,

47.6376.

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

50.9257, 61.1007, 47.6376

Protanopia

57.0911, 60.6906, 44.7818

Deuteranopia

61.9651, 60.6898, 49.0058



Tritanopia

57.1180, 61.0297, 78.5815

Trichromacy



Original Color

50.9257, 61.1007, 47.6376

Protanomaly

54.8006, 60.9180, 45.9158

Deuteranomaly

57.3148, 60.3668, 48.6755

Tritanomaly

54.6847, 61.1442, 66.0466

Monochromacy



Original Color

50.9257, 61.1007, 47.6376

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.2648, 58.8061, 56.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9257, 61.1007, 47.6376 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(183, 214, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 214, 171)  
}
```

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(183, 214, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 214, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.9257, 61.1007, 47.6376 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(183, 214, 171) }
```


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

```
.border{ border-color:rgb(183, 214, 171) }
```

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

Here you see how a box with a 4 pixel rgb(183, 214, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 214, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 214, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 214,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9257, 61.1007, 47.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 214, 171) }
```

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

```
.background{ background-color: rgb(183,  
214, 171) }
```

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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