

Converting Colors

XYZ(47.1788, 53.6904, 47.9216)

Have a look what the booklet for
XYZ(47.1788, 53.6904, 47.9216)
contains.

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Color

**XYZ(47.1195, 53.7266,
47.9312)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C7AE
RGB	181, 199, 174
RGB Percent	71%, 78%, 68%
CMY	0.2902, 0.2196, 0.3176
CMYK	0.09, 0.00, 0.13, 0.22
HSL	103°, 18%, 73%
HSV	103°, 13%, 78%
XYZ	47.1195, 53.7266, 47.9312
YIQ	190.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

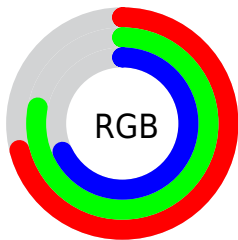
Format	Color
RYB	174, 199, 192
Decimal	11913134
CIELab	78.30, -10.75, 10.45
CIELCh	78, 14.992, 135.822
Yxy	53.7266, 0.3167, 0.3611
Android (android.graphics.Color)	4290103214 (0xFFB5C7AE)
YUV	190.7680, -8.2666, -8.5665
Hunter-Lab	73.2984, -13.5245, 12.5381

Details

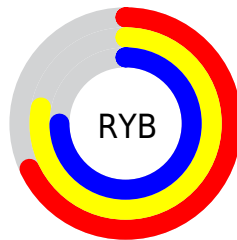
The XYZ color **47.1195, 53.7266, 47.9312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1851, 45.6035, 60.3510**, and the grayscale version is **49.4356, 52.0101, 56.6390**.

A 20% lighter version of the original color is **84.8279, 95.1817, 88.0297**, and **22.5403, 26.2451, 22.2902** is the 20% darker color. If you saturate the color by 10%, you get **42.1328, 51.3652, 38.3099**, and if you desaturate by 10%, it is **52.7422, 56.3858, 59.0850**.

Distribution



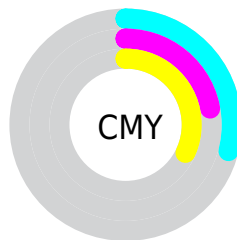
- Red (71%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1195, 53.7266, 47.9312 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 47.1195, 53.7266, 47.9312 by changing the saturation by 10% instead.


 47.1195, 53.7266,
47.9312

 47.1195, 53.7266,
47.9312


365.9323,
401.0666, 395.0202

 33.3385, 38.3831,
33.4128


 85.1096, 95.6727,
88.4664

 22.5463, 26.2802,
22.1692

110.0494,
123.0441, 115.3204

 14.3777, 17.0334,
13.7817


139.4396,
155.1936, 147.1232

 8.4673, 10.2583,
7.8320

173.6454,
192.5057, 184.2935

 4.4497, 5.5705,
3.9014

213.0322,
235.3646, 227.2498

 1.9596, 2.5857,
1.5714

257.9654,

 0.6111, 0.9195,

284.1548, 276.4107

0.2703

308.8103,
339.2606, 332.1946

■ 0.0000, 0.0000,
0.0000

■ 47.1195, 53.7266,
47.9312

■ 47.1195, 53.7266,
47.9312

■ 42.1328, 51.3652,
38.3099

■ 52.7422, 56.3858,
59.0850

■ 37.7547, 49.2843,
30.1506

■ 59.0184, 59.3456,
71.8304

■ 33.9623, 47.4751,
23.3829

■ 65.9701, 62.6179,
86.2278

■ 30.7295, 45.9259,
17.9289

■ 73.6172, 66.2116,
102.3333

■ 28.0279, 44.6239,
13.7032

■ 78.8542, 68.8855,
103.7479

■ 25.8265, 43.5552,
10.6100

■ 79.7145, 69.3289,
103.7882

■ 24.0908, 42.7045,
8.5398

■ 22.7809, 42.0539,
7.3610

■ 22.0393, 41.6814,
6.8837

Harmonies

Analogous

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



49.5404, 53.7266, 44.2706



47.1195, 53.7266, 47.9312



45.7809, 53.7266, 54.6245

Triad

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



47.1195, 53.7266, 47.9312



49.6940, 53.7266, 75.6326



56.6969, 53.7266, 54.1971

Complementary

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



47.1195, 53.7266, 47.9312



47.1851, 45.6035, 60.3510

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.



56.7419, 53.7266, 62.5528



47.1195, 53.7266, 47.9312



52.6216, 53.7266, 75.4900

Square

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



47.1195, 53.7266, 47.9312



47.2282, 53.7266, 70.8889



55.2259, 53.7266, 70.5163



55.1052, 53.7266, 47.6443

Rectangle

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



47.1195, 53.7266, 47.9312



45.6481, 53.7266, 60.1560



55.2259, 53.7266, 70.5163



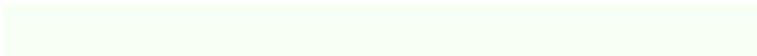
56.8954, 53.7266, 56.8729

Sweetspot

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



47.1210, 53.7289, 47.9324



90.8003, 97.9939, 100.3552



50.0267, 52.8631, 47.6121



19.2684, 20.8961, 21.1472



0.0000, 0.0000, 0.0000



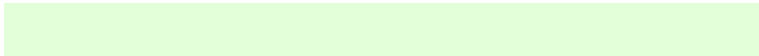
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1210, 53.7289, 47.9324



80.0752, 92.9223, 79.1907



46.0595, 53.1194, 50.6958



10.7716, 12.0292, 11.3169



14.2455, 26.8391, 4.4297



0.7469, 1.3082, 0.2131

Inverse Universe

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



47.1851, 45.6035, 60.3510



80.2080, 76.0022, 105.0502



48.3820, 46.2920, 57.1815



10.7825, 10.6617, 13.4071



14.0338, 6.4689, 35.2533



0.7324, 0.3413, 1.6724

Previews

White Background



This preview shows how the XYZ color 47.1195, 53.7266, 47.9312 looks on a white background.

Color Contrast Check

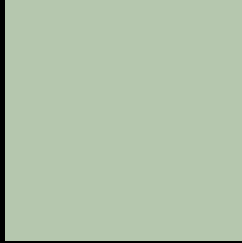
Large Text (above 18pt) WCAG AA × Fail

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 47.1195, 53.7266, 47.9312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

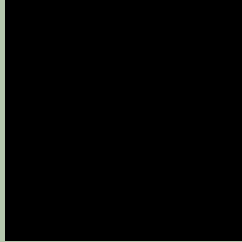
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1195, 53.7266, 47.9312

Background



This preview shows how black text looks on a background with the XYZ color 47.1195, 53.7266, 47.9312.



This preview shows how white text looks on a background with the XYZ color 47.1195, 53.7266,

47.9312.

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

47.1195, 53.7266, 47.9312

Protanopia

50.7778, 53.6368, 46.2047

Deuteranopia

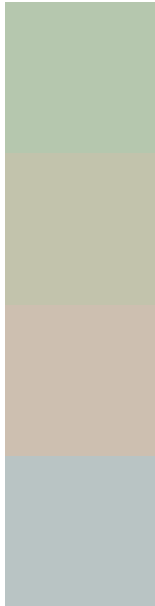
54.6196, 53.6204, 49.0660



Tritanopia

51.2939, 53.7518, 67.9933

Trichromacy



Original Color

47.1195, 53.7266, 47.9312

Protanomaly

49.2096, 53.4781, 46.7584

Deuteranomaly

51.6441, 53.3753, 48.6548

Tritanomaly

49.7113, 53.7797, 59.9850

Monochromacy



Original Color

47.1195, 53.7266, 47.9312

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.5423, 52.6512, 53.5032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1195, 53.7266, 47.9312 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(181, 199, 174)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 174)  
}
```

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(181, 199, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.1195, 53.7266, 47.9312 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(181, 199, 174) }
```


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

```
.border{ border-color:rgb(181, 199, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 174);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1195, 53.7266, 47.9312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 174) }
```

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

```
.background{ background-color: rgb(181,  
199, 174) }
```

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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