

Converting Colors

XYZ(47.3200, 55.8264, 47.2380)

Have a look what the booklet for
XYZ(47.3200, 55.8264, 47.2380)
contains.

XYZ(47.4092, 55.9883, 47.3378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.4092, 55.9883,
47.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CDAC
RGB	177, 205, 172
RGB Percent	69%, 80%, 67%
CMY	0.3059, 0.1961, 0.3255
CMYK	0.14, 0.00, 0.16, 0.20
HSL	111°, 25%, 74%
HSV	111°, 16%, 80%
XYZ	47.4092, 55.9883, 47.3378
YIQ	192.8660, -6.0950, -16.1990

Conversions

Conversions Part 2

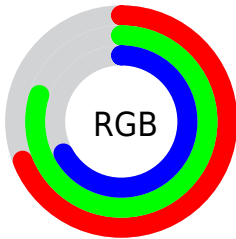
Format	Color
RYB	172, 205, 200
Decimal	11652524
CIELab	79.61, -15.57, 13.33
CIELCh	80, 20.494, 139.432
Yxy	55.9883, 0.3145, 0.3714
Android (android.graphics.Color)	4289842604 (0xFFB1CDAC)
YUV	192.8660, -10.2869, -13.9145
Hunter-Lab	74.8253, -17.8470, 14.8683

Details

The XYZ color **47.4092, 55.9883, 47.3378** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.5936, 46.1937, 64.0629**, and the grayscale version is **50.6722, 53.3111, 58.0558**.

A 20% lighter version of the original color is **83.2294, 94.3897, 86.5054**, and **22.7690, 27.7744, 21.9302** is the 20% darker color. If you saturate the color by 10%, you get **41.8778, 53.3486, 37.5821**, and if you desaturate by 10%, it is **53.7525, 59.0147, 58.7193**.

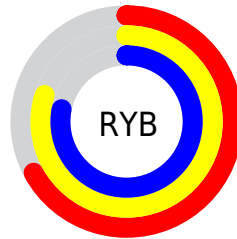
Distribution



Red (69%)

Green (80%)

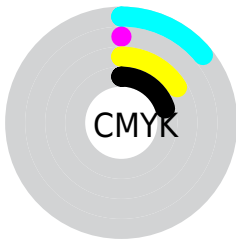
Blue (67%)



Red (67%)

Yellow (80%)

Blue (78%)

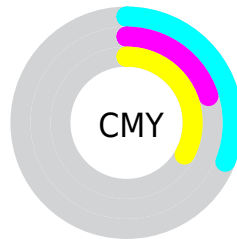


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4092, 55.9883, 47.3378 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 47.4092, 55.9883, 47.3378 by changing the saturation by 10% instead.

■ 47.4092, 55.9883,
47.3378

■ 47.4092, 55.9883,
47.3378

367.0672,
409.6474, 392.5940

■ 33.5686, 40.1935,
32.9465

■ 85.5391, 98.9875,
87.5729

■ 22.7237, 27.6895,
21.8147

110.5592,
126.9607, 114.2538

■ 14.5092, 18.0917,
13.5238

140.0363,
159.7621, 145.8683

■ 8.5597, 11.0159,
7.6553

174.3360,
197.7763, 182.8350

■ 4.5099, 6.0775,
3.7906

213.8236,
241.3875, 225.5723

■ 1.9945, 2.8923,
1.5112

258.8644,

■ 0.6309, 1.0757,

290.9801, 274.4989

0.2262

309.8239,
346.9387, 330.0333

■ 0.0000, 0.0000,
0.0000

■ 47.4092, 55.9883,
47.3378

■ 47.4092, 55.9883,
47.3378

■ 41.8778, 53.3486,
37.5821

■ 53.7525, 59.0147,
58.7193

■ 37.1209, 51.0730,
29.3746

■ 60.9341, 62.4350,
71.7921

■ 33.1049, 49.1477,
22.6367

■ 68.9848, 66.2654,
86.6227

■ 29.7921, 47.5550,
17.2816

■ 77.9324, 70.5188,
103.2728

■ 27.1412, 46.2757,
13.2135

■ 81.1224, 72.1448,
104.2575

■ 25.1066, 45.2887,
10.3239

■ 23.6366, 44.5700,
8.4872

■ 22.6698, 44.0914,
7.5454

■ 22.3992, 43.9570,
7.3040

Harmonies

Analogous

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



50.6174, 55.9883, 41.9351



47.4092, 55.9883, 47.3378



45.7859, 55.9883, 56.8860

Triad

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



47.4092, 55.9883, 47.3378



51.7724, 55.9883, 86.1567



61.0589, 55.9883, 53.7058

Complementary

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



47.4092, 55.9883, 47.3378



49.5936, 46.1937, 64.0629

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.



61.4076, 55.9883, 65.2277



47.4092, 55.9883, 47.3378



55.9004, 55.9883, 85.0163

Square

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



47.4092, 55.9883, 47.3378



48.2171, 55.9883, 79.9166



59.4769, 55.9883, 76.9770



58.5473, 55.9883, 45.2694

Rectangle

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



47.4092, 55.9883, 47.3378



45.7612, 55.9883, 64.7643



59.4769, 55.9883, 76.9770



61.4377, 55.9883, 57.3110

Sweetspot

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



47.4107, 55.9907, 47.3390



89.1958, 97.2114, 98.2640



53.1642, 57.0376, 47.2379



18.9216, 20.7262, 20.7249



0.0000, 0.0000, 0.0000



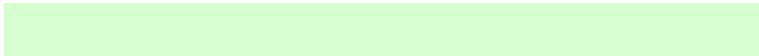
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4107, 55.9907, 47.3390



74.6669, 90.2826, 72.2344



47.3935, 55.8547, 53.0843



11.2236, 12.6172, 11.9232



13.9944, 27.3897, 4.5492



0.7737, 1.4397, 0.2371

Inverse Universe

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



49.5936, 46.1937, 64.0629



78.8450, 71.5223, 104.2573



49.6689, 46.3807, 57.3756



11.5141, 11.3143, 14.1474



17.7835, 8.3753, 36.6356



0.9638, 0.4560, 1.8922

Previews

White Background



This preview shows how the XYZ color 47.4092, 55.9883, 47.3378 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 47.4092, 55.9883, 47.3378 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

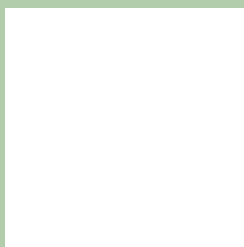
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4092, 55.9883, 47.3378

Background



This preview shows how black text looks on a background with the XYZ color 47.4092, 55.9883, 47.3378.



This preview shows how white text looks on a background with the XYZ color 47.4092, 55.9883,

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

47.4092, 55.9883, 47.3378

Protanopia

52.5399, 55.5724, 45.0032

Deuteranopia

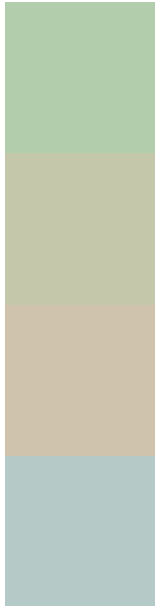
56.8918, 55.7694, 48.3235



Tritanopia

52.4563, 55.9435, 72.3234

Trichromacy



Original Color

47.4092, 55.9883, 47.3378

Protanomaly

50.3498, 55.4472, 45.5848

Deuteranomaly

52.8872, 55.3516, 47.9409

Tritanomaly

50.2515, 55.7206, 62.1394

Monochromacy



Original Color

47.4092, 55.9883, 47.3378

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.2167, 54.0001, 53.7280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4092, 55.9883, 47.3378 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(177, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(177, 205, 172)  
}
```

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(177, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 205, 172) }
```

Border

The CSS property to change the border of an element to XYZ 47.4092, 55.9883, 47.3378 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(177, 205, 172) }
```


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

```
.border{ border-color:rgb(177, 205, 172) }
```

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

Here you see how a box with a 4 pixel rgb(177, 205, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(177, 205,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4092, 55.9883, 47.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 205, 172) }
```

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

```
.background{ background-color: rgb(177,  
205, 172) }
```

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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