

Converting Colors

XYZ(48.8462, 60.7973, 47.1913)

Have a look what the booklet for
XYZ(48.8462, 60.7973, 47.1913)
contains.

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Color

**XYZ(48.8248, 60.7847,
47.1895)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD8AA
RGB	172, 216, 170
RGB Percent	67%, 85%, 67%
CMY	0.3255, 0.1529, 0.3333
CMYK	0.20, 0.00, 0.21, 0.15
HSL	117°, 37%, 76%
HSV	117°, 21%, 85%
XYZ	48.8248, 60.7847, 47.1895
YIQ	197.6000, -11.4580, -23.6340

Conversions

Conversions Part 2

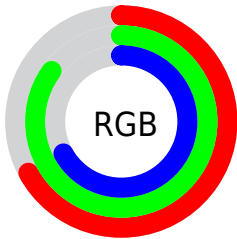
Format	Color
RYB	170, 216, 214
Decimal	11327658
CIELab	82.26, -23.11, 18.07
CIELCh	82, 29.331, 141.981
Yxy	60.7847, 0.3114, 0.3877
Android (android.graphics.Color)	4289517738 (0xFFACD8AA)
YUV	197.6000, -13.6068, -22.4512
Hunter-Lab	77.9645, -24.6535, 18.6888

Details

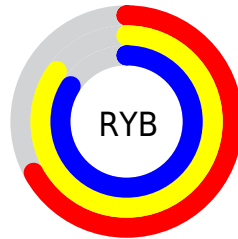
The XYZ color **48.8248, 60.7847, 47.1895** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.5036, 48.0053, 71.3623**, and the grayscale version is **53.5200, 56.3072, 61.3185**.

A 20% lighter version of the original color is **81.3455, 93.4502, 84.9845**, and **23.6226, 30.7197, 21.8240** is the 20% darker color. If you saturate the color by 10%, you get **42.7597, 57.8768, 37.1015**, and if you desaturate by 10%, it is **55.9339, 64.1955, 59.0814**.

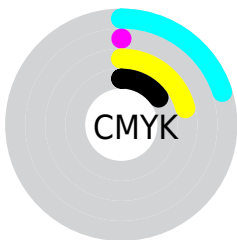
Distribution



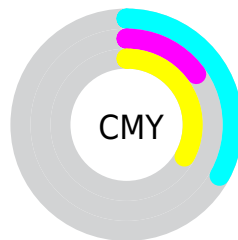
- Red (67%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (33%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8248, 60.7847, 47.1895 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 48.8248, 60.7847, 47.1895 by changing the saturation by 10% instead.

■ 48.8248, 60.7847,
47.1895

■ 48.8248, 60.7847,
47.1895

372.5806,
427.4841, 391.9861

■ 34.6945, 44.0514,
32.8301

■ 87.6335, 105.9671,
87.3494

■ 23.5930, 30.7109,
21.7262

113.0425,
135.1851, 113.9869

■ 15.1551, 20.3788,
13.4595

142.9419,
169.3334, 145.5541

■ 9.0153, 12.6707,
7.6113

177.6969,
208.7965, 182.4697

■ 4.8084, 7.2022,
3.7631

217.6729,
253.9587, 225.1522

■ 2.1689, 3.5889,
1.4963

263.2353,

■ 0.7263, 1.4464,

305.2044, 274.0200

0.2152

314.7494,
362.9181, 329.4918

■ 0.0000, 0.2505,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.8248, 60.7847,
47.1895

■ 48.8248, 60.7847,
47.1895

■ 42.7597, 57.8768,
37.1015

■ 55.9339, 64.1955,
59.0814

■ 37.6850, 55.4409,
28.7257

■ 64.1279, 68.1233,
72.8551

■ 33.5495, 53.4542,
21.9681

■ 73.4513, 72.5911,
88.5885

■ 30.2955, 51.8894,
16.7245

■ 83.7178, 77.5275,
105.1596

■ 27.8590, 50.7159,
12.8782

■ 83.8471, 77.5942,
105.1657

■ 26.1672, 49.8992,
10.2956

■ 25.1347, 49.3986,
8.8173

■ 24.6746, 49.1748,
8.1912

Harmonies

Analogous

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



53.3969, 60.7847, 39.1519



48.8248, 60.7847, 47.1895



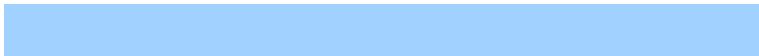
46.6852, 60.7847, 61.5038

Triad

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



48.8248, 60.7847, 47.1895



56.1158, 60.7847, 106.3914



69.6342, 60.7847, 54.1336

Complementary

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



48.8248, 60.7847, 47.1895



54.5036, 48.0053, 71.3623

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.



70.4929, 60.7847, 71.0963



48.8248, 60.7847, 47.1895



62.3840, 60.7847, 103.4512

Square

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



48.8248, 60.7847, 47.1895



50.6922, 60.7847, 97.1261



67.7550, 60.7847, 89.6942



65.4865, 60.7847, 42.6293

Rectangle

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



48.8248, 60.7847, 47.1895



46.8103, 60.7847, 73.5794



67.7550, 60.7847, 89.6942



70.3285, 60.7847, 59.3019

Sweetspot

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



48.8264, 60.7873, 47.1908



87.5028, 96.3826, 96.1964



59.5481, 65.4458, 47.5249



18.5611, 20.5493, 20.3074



0.0000, 0.0000, 0.0000



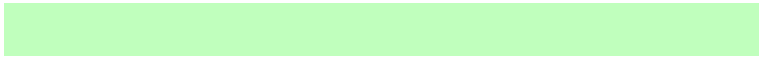
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8264, 60.7873, 47.1908



66.5450, 86.3329, 61.1302



50.5064, 61.4090, 58.3103



12.3118, 13.9214, 13.1989



14.6275, 29.1171, 4.8492



0.9002, 1.7655, 0.2933

Inverse Universe

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



54.5036, 48.0053, 71.3623



76.3711, 64.2039, 102.9751



52.5801, 47.3037, 58.1691



12.8972, 12.6039, 15.6906



22.5280, 10.7661, 39.3439



1.3757, 0.6581, 2.3738

Previews

White Background



This preview shows how the XYZ color 48.8248, 60.7847, 47.1895 looks on a white background.

Color Contrast Check

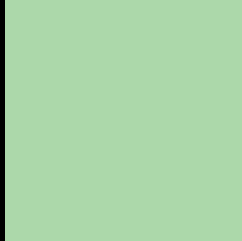
Large Text (above 18pt) WCAG AA × Fail

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 48.8248, 60.7847, 47.1895 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

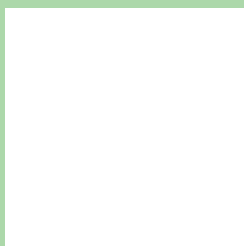
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8248, 60.7847, 47.1895

Background



This preview shows how black text looks on a background with the XYZ color 48.8248, 60.7847, 47.1895.



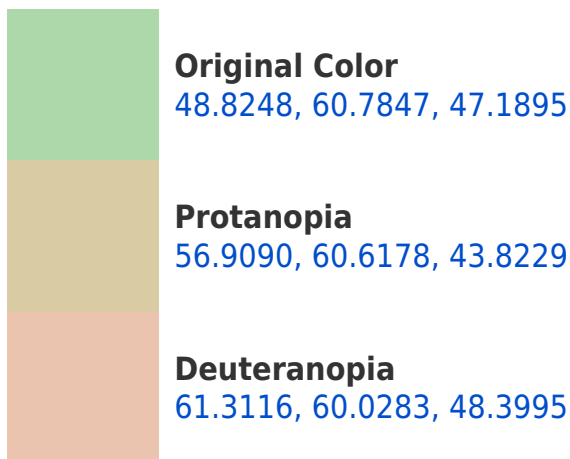
This preview shows how white text looks on a background with the XYZ color 48.8248, 60.7847,

47.1895.

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





Tritanopia

55.4471, 60.8609, 80.0591

Trichromacy



Original Color

48.8248, 60.7847, 47.1895

Protanomaly

53.5262, 60.2824, 44.8909

Deuteranomaly

55.7627, 59.5779, 48.0958

Tritanomaly

52.9230, 60.9597, 66.7347

Monochromacy



Original Color

48.8248, 60.7847, 47.1895

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

51.8947, 58.1123, 56.0586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8248, 60.7847, 47.1895 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(172, 216, 170)` looks like.

```
.text, #text, p{  
    color:rgb(172, 216, 170)  
}
```

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(172, 216, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 216, 170) }
```

Border

The CSS property to change the border of an element to XYZ 48.8248, 60.7847, 47.1895 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(172, 216, 170) }
```


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

```
.border{ border-color:rgb(172, 216, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 216, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 216, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 216, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 216,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8248, 60.7847, 47.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 216, 170) }
```

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

```
.background{ background-color: rgb(172,  
216, 170) }
```

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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