

Converting Colors

XYZ(47.2393, 61.2911, 47.6443)

Have a look what the booklet for
XYZ(47.2393, 61.2911, 47.6443)
contains.

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Color

**XYZ(47.1794, 61.0769,
47.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DBAB
RGB	160, 219, 171
RGB Percent	63%, 86%, 67%
CMY	0.3725, 0.1412, 0.3294
CMYK	0.27, 0.00, 0.22, 0.14
HSL	131°, 45%, 74%
HSV	131°, 27%, 86%
XYZ	47.1794, 61.0769, 47.8305
YIQ	195.8870, -19.7560, -27.4360

Conversions

Conversions Part 2

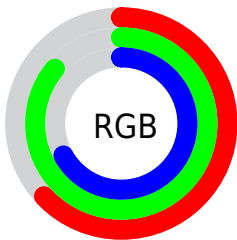
Format	Color
RYB	160, 210, 219
Decimal	10541995
CIELab	82.42, -28.33, 17.65
CIELCh	82, 33.384, 148.074
Yxy	61.0769, 0.3023, 0.3913
Android (android.graphics.Color)	4288732075 (0xFFA0DBAB)
YUV	195.8870, -12.2693, -31.4729
Hunter-Lab	78.1517, -29.0068, 18.4195

Details

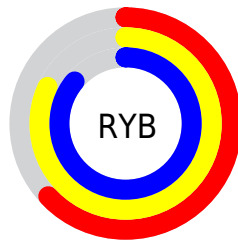
The XYZ color **47.1794, 61.0769, 47.8305** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.1714, 44.7571, 65.5135**, and the grayscale version is **52.4826, 55.2158, 60.1300**.

A 20% lighter version of the original color is **77.8064, 91.6099, 85.5332**, and **22.6686, 31.0086, 22.2433** is the 20% darker color. If you saturate the color by 10%, you get **41.5957, 58.3833, 39.2938**, and if you desaturate by 10%, it is **53.7666, 64.2648, 57.6118**.

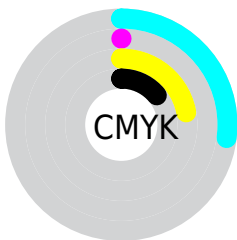
Distribution



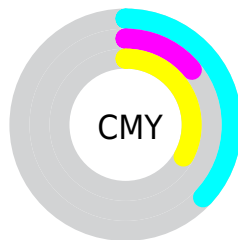
- Red (63%)
- Green (86%)
- Blue (67%)



- Red (63%)
- Yellow (82%)
- Blue (86%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)





- Cyan (37%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1794, 61.0769, 47.8305 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 47.1794, 61.0769, 47.8305 by changing the saturation by 10% instead.


 47.1794, 61.0769,
47.8305


 47.1794, 61.0769,
47.8305


366.1671,
428.5559, 394.6092

 33.3860, 44.2872,
33.3336


 85.1985, 106.3903,
88.3149

 22.5830, 30.8964,
22.1090

 110.1549,
135.6828, 115.1395

 14.4049, 20.5200,
13.7379


139.5630,
169.9117, 146.9105

 8.4864, 12.7736,
7.8019

173.7882,
209.4613, 184.0463

 4.4621, 7.2728,
3.8825

213.1959,
254.7162, 226.9656

 1.9668, 3.6333,
1.5611

258.1514,

 0.6152, 1.4706,

306.0607, 276.0868

0.2628

309.0200,
363.8791, 331.8285

0.0000, 0.2679,
0.0000

0.0000, 0.0000,
0.0000

47.1794, 61.0769,
47.8305

47.1794, 61.0769,
47.8305

41.5957, 58.3833,
39.2938

53.7666, 64.2648,
57.6118

36.9609, 56.1518,
31.9478

61.3984, 67.9621,
68.6807

33.2229, 54.3583,
25.7409

70.1197, 72.1926,
81.0830

30.3224, 52.9735,
20.6156

79.9713, 76.9765,
94.8611

■ 28.1926, 51.9642,
16.5100

■ 84.6227, 79.1454,
105.4242

■ 26.7563, 51.2921,
13.3553

■ 25.9152, 50.9081,
11.0743

■ 25.7300, 50.8243,
10.5364

Harmonies

Analogous

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



51.8379, 61.0769, 37.5341



47.1794, 61.0769, 47.8305



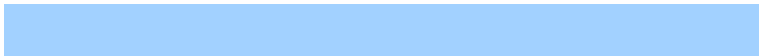
45.4035, 61.0769, 65.1920

Triad

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



47.1794, 61.0769, 47.8305



57.5924, 61.0769, 113.9494



71.0034, 61.0769, 49.6881

Complementary

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



47.1794, 61.0769, 47.8305



53.1714, 44.7571, 65.5135

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.



72.8547, 61.0769, 67.8302



47.1794, 61.0769, 47.8305



64.7434, 61.0769, 107.4941

Square

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



47.1794, 61.0769, 47.8305



51.1016, 61.0769, 105.6876



70.4779, 61.0769, 89.4932



65.6051, 61.0769, 38.4422

Rectangle

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



47.1794, 61.0769, 47.8305



45.9733, 61.0769, 79.4381



70.4779, 61.0769, 89.4932



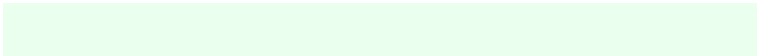
72.0796, 61.0769, 55.0532

Sweetspot

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



47.1810, 61.0795, 47.8319



85.3810, 95.3109, 95.0968



57.7431, 66.6406, 43.0778



17.9099, 20.2235, 19.8284



0.0000, 0.0000, 0.0000



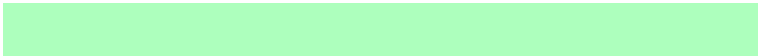
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1810, 61.0795, 47.8319



62.2256, 84.1073, 60.8792



50.2930, 62.3242, 64.2190



12.9852, 14.6457, 14.3850



15.2856, 30.1469, 6.4034



1.0200, 1.9649, 0.5713

Inverse Universe

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



53.1714, 44.7571, 65.5135



71.9568, 57.5794, 89.5932



49.8907, 43.4448, 48.2375



13.5048, 13.2310, 15.9196



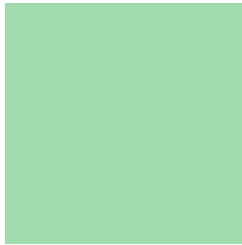
22.1352, 10.8551, 26.1556



1.4615, 0.7143, 1.8394

Previews

White Background



This preview shows how the XYZ color 47.1794, 61.0769, 47.8305 looks on a white background.

Color Contrast Check

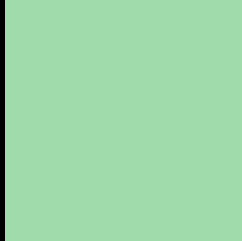
Large Text (above 18pt) WCAG AA × Fail

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 47.1794, 61.0769, 47.8305 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 47.1794, 61.0769, 47.8305

Background



This preview shows how black text looks on a background with the XYZ color 47.1794, 61.0769, 47.8305.



This preview shows how white text looks on a background with the XYZ color 47.1794, 61.0769,

47.8305.

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

47.1794, 61.0769, 47.8305

Protanopia

56.9090, 60.6178, 43.8229

Deuteranopia

61.7344, 60.5595, 49.5097



Tritanopia

54.0924, 60.8479, 82.2926

Trichromacy



Original Color

47.1794, 61.0769, 47.8305

Protanomaly

52.5405, 60.1267, 45.3957

Deuteranomaly

55.2034, 59.9840, 48.7129

Tritanomaly

51.2454, 60.8136, 68.0688

Monochromacy



Original Color

47.1794, 61.0769, 47.8305

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.0909, 56.8409, 55.3450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1794, 61.0769, 47.8305 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(160, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(160, 219, 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(160, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 219, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.1794, 61.0769, 47.8305 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(160, 219, 171) }
```


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

```
.border{ border-color:rgb(160, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(160, 219,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1794, 61.0769, 47.8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 219, 171) }
```

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

```
.background{ background-color: rgb(160,  
219, 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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