

Converting Colors

XYZ(47.1495, 54.5483, 49.7834)

Have a look what the booklet for
XYZ(47.1495, 54.5483, 49.7834)
contains.

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Color

**XYZ(46.9539, 54.2947,
49.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C9B1
RGB	177, 201, 177
RGB Percent	69%, 79%, 69%
CMY	0.3059, 0.2117, 0.3059
CMYK	0.12, 0.00, 0.12, 0.21
HSL	120°, 18%, 74%
HSV	120°, 12%, 79%
XYZ	46.9539, 54.2947, 49.6002
YIQ	191.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

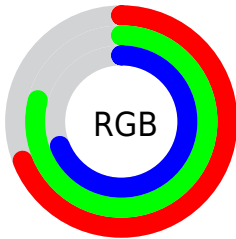
Format	Color
RYB	177, 201, 201
Decimal	11651505
CIELab	78.63, -12.64, 9.27
CIELCh	79, 15.680, 143.743
Yxy	54.2947, 0.3113, 0.3599
Android (android.graphics.Color)	4289841585 (0xFFB1C9B1)
YUV	191.0880, -6.9454, -12.3552
Hunter-Lab	73.6849, -15.2039, 11.6690

Details

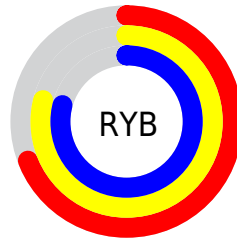
The XYZ color **46.9539, 54.2947, 49.6002** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3540, 48.0801, 61.8872**, and the grayscale version is **49.6153, 52.1991, 56.8448**.

A 20% lighter version of the original color is **84.0723, 94.7268, 90.9438**, and **22.3840, 26.6078, 23.0248** is the 20% darker color. If you saturate the color by 10%, you get **40.8504, 51.3645, 39.6156**, and if you desaturate by 10%, it is **54.0300, 57.6953, 61.1730**.

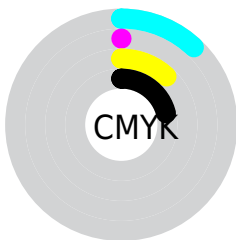
Distribution



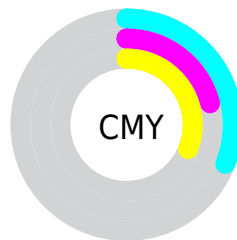
- Red (69%)
- Green (79%)
- Blue (69%)



- Red (69%)
- Yellow (79%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9539, 54.2947, 49.6002 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 46.9539, 54.2947, 49.6002 by changing the saturation by 10% instead.


 46.9539, 54.2947,
49.6002

 46.9539, 54.2947,
49.6002


365.2825,
403.2328, 401.7906

 33.2070, 38.8373,
34.7269


 84.8640, 96.5068,
90.9724

 22.4451, 26.6332,
23.1707


109.7578,
124.0303, 118.3084

 14.3027, 17.2979,
14.5131


139.0981,
156.3447, 150.6357

 8.4146, 10.4471,
8.3356

173.2501,
193.8343, 188.3728

 4.4154, 5.6964,
4.2196

212.5792,
236.8835, 231.9384

 1.9397, 2.6614,
1.7466

257.4507,

 0.5998, 0.9576,

285.8767, 281.7508

0.3924

308.2300,
341.1983, 338.2287

■ 0.0000, 0.0000,
0.0000

■ 46.9539, 54.2947,
49.6002

■ 46.9539, 54.2947,
49.6002

■ 40.8504, 51.3645,
39.6156

■ 54.0300, 57.6953,
61.1730

■ 35.6726, 48.8773,
31.1465

■ 62.1137, 61.5783,
74.3953

■ 31.3769, 46.8139,
24.1200

■ 71.2440, 65.9641,
89.3294

■ 27.9140, 45.1505,
18.4558

■ 80.1777, 70.2554,
103.9426

■ 25.2300, 43.8612,
14.0656

■ 23.2646, 42.9171,
10.8507

■ 21.9488, 42.2851,
8.6983

■ 21.1998, 41.9253,
7.4732

■ 20.8877, 41.7754,
6.9627

Harmonies

Analogous

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



49.2462, 54.2947, 44.8490



46.9539, 54.2947, 49.6002



45.9130, 54.2947, 57.2797

Triad

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



46.9539, 54.2947, 49.6002



50.9596, 54.2947, 77.7295



57.2467, 54.2947, 52.5174

Complementary

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



46.9539, 54.2947, 49.6002



50.3540, 48.0801, 61.8872

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.



57.7500, 54.2947, 60.9946



46.9539, 54.2947, 49.6002



54.0389, 54.2947, 76.1310

Square

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



46.9539, 54.2947, 49.6002



48.1654, 54.2947, 73.9536



56.5546, 54.2947, 69.7809



55.2056, 54.2947, 46.4118

Rectangle

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



46.9539, 54.2947, 49.6002



46.0380, 54.2947, 63.2599



56.5546, 54.2947, 69.7809



57.6047, 54.2947, 55.1604

Sweetspot

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



46.9554, 54.2970, 49.6014



89.7974, 97.4769, 100.3085



52.9122, 57.3679, 49.8799



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



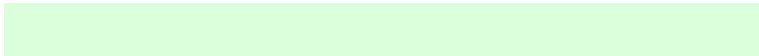
20.3446, 21.4041, 23.3091

Same Dimension

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



46.9554, 54.2970, 49.6014



77.8896, 91.7570, 80.8313



48.2050, 54.7969, 56.1819



10.4975, 11.8879, 11.3041



13.1328, 26.2655, 4.3777



0.6218, 1.2437, 0.2073

Inverse Universe

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



50.3540, 48.0801, 61.8872



84.6997, 79.2997, 105.4493



48.9966, 47.5371, 54.7389



11.0831, 10.8166, 13.4211



21.7737, 10.4591, 35.6139



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 46.9539, 54.2947, 49.6002 looks on a white background.

Color Contrast Check

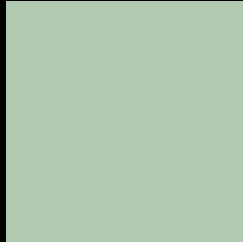
Large Text (above 18pt) WCAG AA × Fail

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 46.9539, 54.2947, 49.6002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

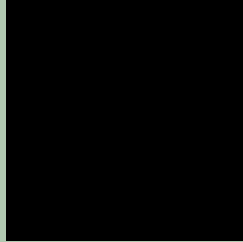
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9539, 54.2947, 49.6002

Background



This preview shows how black text looks on a background with the XYZ color 46.9539, 54.2947, 49.6002.



This preview shows how white text looks on a background with the XYZ color 46.9539, 54.2947,

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

46.9539, 54.2947, 49.6002

Protanopia

51.4632, 54.2972, 47.3032

Deuteranopia

54.9220, 53.7414, 50.6584



Tritanopia

51.1520, 54.3006, 70.0724

Trichromacy



Original Color

46.9539, 54.2947, 49.6002

Protanomaly

49.8544, 54.4578, 47.9282

Deuteranomaly

51.6149, 53.6505, 50.2830

Tritanomaly

49.5589, 54.3354, 61.9086

Monochromacy



Original Color

46.9539, 54.2947, 49.6002

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.6277, 53.0145, 54.1242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9539, 54.2947, 49.6002 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, 201, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 201, 177)  
}
```

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, 201, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 201, 177) }
```

Border

The CSS property to change the border of an element to XYZ 46.9539, 54.2947, 49.6002 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, 201, 177) }
```


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

```
.border{ border-color:rgb(177, 201, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 201, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 201, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 201, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 201,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9539, 54.2947, 49.6002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 201, 177) }
```

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

```
.background{ background-color: rgb(177,  
201, 177) }
```

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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