

Converting Colors

XYZ(52.6739, 67.0459, 49.4378)

Have a look what the booklet for
XYZ(52.6739, 67.0459, 49.4378)
contains.

XYZ(52.5947, 67.0307, 49.1959)	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(52.5947, 67.0307,
49.1959)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE3AC
RGB	175, 227, 172
RGB Percent	69%, 89%, 67%
CMY	0.3137, 0.1098, 0.3255
CMYK	0.23, 0.00, 0.24, 0.11
HSL	117°, 50%, 78%
HSV	117°, 24%, 89%
XYZ	52.5947, 67.0307, 49.1959
YIQ	205.1820, -13.3370, -28.1290

Conversions

Conversions Part 2

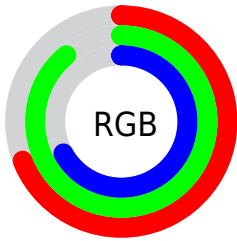
Format	Color
RYB	172, 227, 224
Decimal	11527084
CIELab	85.52, -27.09, 21.56
CIELCh	86, 34.627, 141.481
Yxy	67.0307, 0.3115, 0.3971
Android (android.graphics.Color)	4289717164 (0xFFAFE3AC)
YUV	205.1820, -16.3587, -26.4696
Hunter-Lab	81.8723, -28.6082, 21.6841

Details

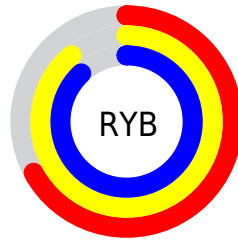
The XYZ color **52.5947, 67.0307, 49.1959** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.3609, 50.9003, 79.3726**, and the grayscale version is **58.2526, 61.2863, 66.7407**.

A 20% lighter version of the original color is **82.7186, 94.1104, 87.2042**, and **25.7778, 34.5227, 22.7577** is the 20% darker color. If you saturate the color by 10%, you get **46.1581, 63.9452, 38.4700**, and if you desaturate by 10%, it is **60.1729, 70.6656, 61.9219**.

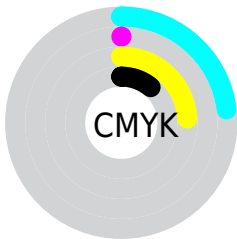
Distribution



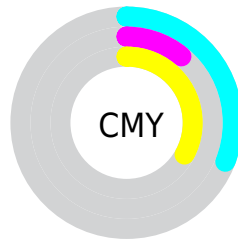
- Red (69%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (88%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5947, 67.0307, 49.1959 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 52.5947, 67.0307, 49.1959 by changing the saturation by 10% instead.

■ 52.5947, 67.0307,
49.1959

■ 52.5947, 67.0307,
49.1959

387.0146,
450.0540, 400.1576

■ 37.7055, 49.1096,
34.4082

■ 93.1768, 114.9644,
90.3663

■ 25.9304, 34.7064,
22.9275

119.6003,
145.7458, 117.5862

■ 16.9040, 23.4368,
14.3352

150.5994,
181.5827, 149.7871

■ 10.2609, 14.9164,
8.2127

186.5393,
222.8595, 187.3877

■ 5.6359, 8.7607,
4.1417

227.7854,
269.9607, 230.8065

■ 2.6635, 4.5854,
1.7034


274.7031,

■ 0.9784, 2.0061,

323.2705, 280.4621

0.3630


327.6577,
383.1735, 336.7730


 0.0000, 0.6110,
0.0000


 0.0000, 0.0000,
0.0000

 52.5947, 67.0307,
49.1959


 52.5947, 67.0307,
49.1959


 46.1581, 63.9452,
38.4700


 60.1729, 70.6656,
61.9219


 40.8028, 61.3744,
29.6385

 68.9388, 74.8657,
76.7378

 36.4710, 59.2927,
22.5927

 78.9421, 79.6568,
93.7333

 33.0974, 57.6692,
17.2108

 86.7604, 83.4208,
106.1368

■ 30.6091, 56.4692,
13.3563

■ 28.9227, 55.6531,
10.8708

■ 27.9388, 55.1738,
9.5612

■ 27.6274, 55.0217,
9.1641

Harmonies

Analogous

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



58.3312, 67.0307, 39.6426



52.5947, 67.0307, 49.1959



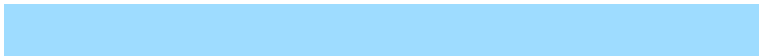
49.8929, 67.0307, 66.7543

Triad

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



52.5947, 67.0307, 49.1959



61.4962, 67.0307, 124.7507



78.8466, 67.0307, 58.2447

Complementary

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



52.5947, 67.0307, 49.1959



59.3609, 50.9003, 79.3726

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.



79.8695, 67.0307, 79.5919



52.5947, 67.0307, 49.1959



69.4112, 67.0307, 121.1677

Square

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



52.5947, 67.0307, 49.1959



54.7479, 67.0307, 112.3915



76.2919, 67.0307, 103.4214



73.6018, 67.0307, 44.0697

Rectangle

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



52.5947, 67.0307, 49.1959



50.0083, 67.0307, 81.9504



76.2919, 67.0307, 103.4214



79.7119, 67.0307, 64.6986

Sweetspot

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



52.5965, 67.0336, 49.1974



86.3693, 95.8417, 94.1829



65.6047, 72.2665, 49.5218



18.3344, 20.4411, 19.9015



0.0000, 0.0000, 0.0000



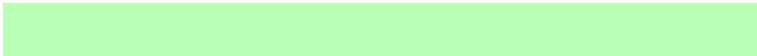
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5965, 67.0336, 49.1974



64.1331, 85.1828, 56.8047



54.4293, 67.6898, 62.3238



14.2617, 16.1264, 15.2655



16.1419, 32.1029, 5.3457



1.2186, 2.3856, 0.3962

Inverse Universe

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



59.3609, 50.9003, 79.3726



74.3560, 60.7913, 102.4226



57.2328, 50.1574, 63.2712



14.9134, 14.5731, 18.1712



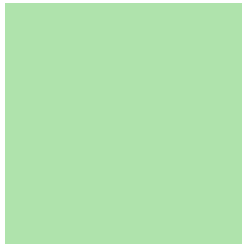
24.3984, 11.6437, 43.3447



1.8268, 0.8727, 3.2041

Previews

White Background



This preview shows how the XYZ color 52.5947, 67.0307, 49.1959 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 52.5947, 67.0307, 49.1959 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 52.5947, 67.0307, 49.1959

Background



This preview shows how black text looks on a background with the XYZ color 52.5947, 67.0307, 49.1959.

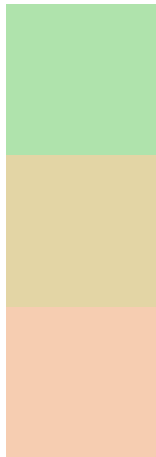


This preview shows how white text looks on a background with the XYZ color 52.5947, 67.0307,

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

52.5947, 67.0307, 49.1959

Protanopia

62.2643, 66.6360, 45.1777

Deuteranopia

67.7732, 66.4298, 50.8452



Tritanopia

60.7215, 67.1583, 89.1194

Trichromacy



Original Color

52.5947, 67.0307, 49.1959

Protanomaly

58.1517, 66.3799, 46.7935

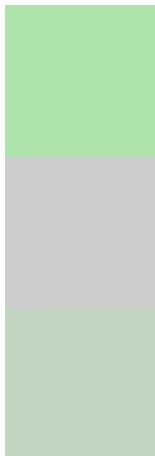
Deuteranomaly

61.0473, 65.8993, 50.0597

Tritanomaly

57.4229, 66.9917, 72.8550

Monochromacy



Original Color

52.5947, 67.0307, 49.1959

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.6680, 62.9081, 59.6605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5947, 67.0307, 49.1959 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(175, 227, 172)` looks like.

```
.text, #text, p{  
    color:rgb(175, 227, 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(175, 227, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 227, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.5947, 67.0307, 49.1959 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(175, 227, 172) }
```


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

```
.border{ border-color:rgb(175, 227, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 227, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 227, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 227, 172);  
box-shadow:4px 4px 4px 4px rgb(175, 227,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5947, 67.0307, 49.1959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 227, 172) }
```

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

```
.background{ background-color: rgb(175,  
227, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor