

Converting Colors

XYZ(51.1605, 62.5835, 54.8184)

Have a look what the booklet for
XYZ(51.1605, 62.5835, 54.8184)
contains.

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Color

**XYZ(51.1787, 62.6022,
54.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDAB8
RGB	174, 218, 184
RGB Percent	68%, 85%, 72%
CMY	0.3176, 0.1451, 0.2784
CMYK	0.20, 0.00, 0.16, 0.15
HSL	134°, 37%, 77%
HSV	134°, 20%, 85%
XYZ	51.1787, 62.6022, 54.7334
YIQ	200.9680, -15.3100, -19.9020

Conversions

Conversions Part 2

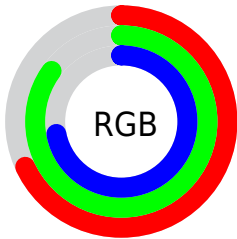
Format	Color
RYB	174, 210, 218
Decimal	11459256
CIELab	83.23, -20.95, 12.07
CIELCh	83, 24.179, 150.060
Yxy	62.6022, 0.3037, 0.3715
Android (android.graphics.Color)	4289649336 (0xFFAEDAB8)
YUV	200.9680, -8.3652, -23.6509
Hunter-Lab	79.1216, -23.0024, 14.3704

Details

The XYZ color **51.1787, 62.6022, 54.7334** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.4369, 49.7331, 66.3549**, and the grayscale version is **55.5559, 58.4492, 63.6511**.

A 20% lighter version of the original color is **84.1213, 94.6343, 96.2706**, and **25.0791, 31.8980, 26.3079** is the 20% darker color. If you saturate the color by 10%, you get **45.0486, 59.6358, 45.7713**, and if you desaturate by 10%, it is **58.3108, 66.0643, 64.8429**.

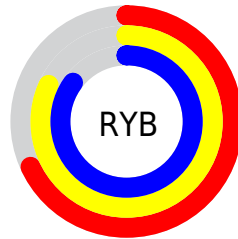
Distribution



Red (68%)

Green (85%)

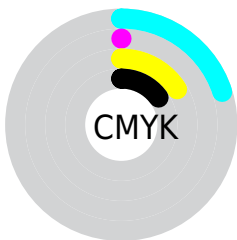
Blue (72%)



Red (68%)

Yellow (82%)

Blue (85%)

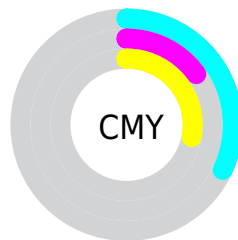


Cyan (20%)

Magenta (0%)

Yellow (16%)

Black (15%)



Cyan (32%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1787, 62.6022, 54.7334 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 51.1787, 62.6022, 54.7334 by changing the saturation by 10% instead.


 51.1787, 62.6022,
54.7334

 51.1787, 62.6022,
54.7334


381.6339,
434.1243, 422.1540

 36.5725, 45.5195,
38.7912


 91.1003, 108.5954,
98.6175

 25.0488, 31.8668,
26.2907


117.1463,
138.2747, 127.3964

 16.2423, 21.2598,
16.8135


147.7364,
172.9216, 161.2912

 9.7877, 13.3140,
9.9411


183.2358,
212.9205, 200.7206

 5.3196, 7.6451,
5.2548

224.0099,
258.6558, 246.1030

 2.4727, 3.8687,
2.3362

270.4240,

 0.8815, 1.6004,

310.5120, 297.8570

0.7514

322.8436,
368.8734, 356.4012

■ 0.0000, 0.3579,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.1787, 62.6022,
54.7334

■ 51.1787, 62.6022,
54.7334

■ 45.0486, 59.6358,
45.7713

■ 58.3108, 66.0643,
64.8429

■ 39.8701, 57.1348,
37.9118

■ 66.4821, 70.0354,
76.1340

■ 35.5959, 55.0774,
31.1135

■ 75.7344, 74.5378,
88.6447

■ 32.1728, 53.4372,
25.3307

■ 83.7861, 78.3946,
102.3017

■ 29.5417, 52.1847,
20.5143

■ 84.3626, 78.6252,
105.3375

■ 27.6357, 51.2865,
16.6113

■ 26.3761, 50.7033,
13.5631

■ 25.6386, 50.3716,
11.3377

Harmonies

Analogous

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



54.5887, 62.6022, 46.0857



51.1787, 62.6022, 54.7334



49.9705, 62.6022, 68.1937

Triad

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



51.1787, 62.6022, 54.7334



59.5122, 62.6022, 101.3388



68.6693, 62.6022, 54.6878

Complementary

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



51.1787, 62.6022, 54.7334



55.4369, 49.7331, 66.3549

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.



70.1734, 62.6022, 68.1327



51.1787, 62.6022, 54.7334



64.7006, 62.6022, 96.3593

Square

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



51.1787, 62.6022, 54.7334



54.6061, 62.6022, 96.3978



68.6810, 62.6022, 83.6275



64.6811, 62.6022, 46.0622

Rectangle

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



51.1787, 62.6022, 54.7334



50.5174, 62.6022, 78.5642



68.6810, 62.6022, 83.6275



69.4923, 62.6022, 58.7232

Sweetspot

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



51.1804, 62.6048, 54.7348



87.7978, 96.4746, 98.9283



58.8577, 66.6795, 49.8134



18.6306, 20.5709, 20.9505



0.0000, 0.0000, 0.0000



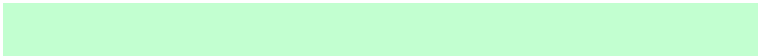
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1804, 62.6048, 54.7348



69.3062, 87.5026, 72.7235



53.6129, 63.5778, 67.5442



13.0071, 14.6545, 14.5005



15.3934, 30.1900, 6.9710



1.0303, 1.9691, 0.6254

Inverse Universe

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



55.4369, 49.7331, 66.3549



76.3782, 66.1109, 92.0259



52.9641, 48.7439, 53.3332



13.4812, 13.2216, 15.7950



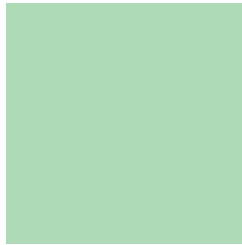
21.6247, 10.6509, 23.4677



1.4326, 0.7027, 1.6870

Previews

White Background



This preview shows how the XYZ color 51.1787, 62.6022, 54.7334 looks on a white background.

Color Contrast Check

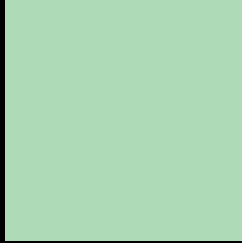
Large Text (above 18pt) WCAG AA × Fail

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 51.1787, 62.6022, 54.7334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

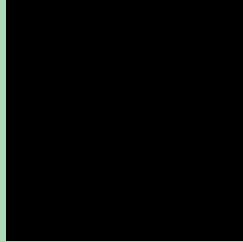
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1787, 62.6022, 54.7334

Background



This preview shows how black text looks on a background with the XYZ color 51.1787, 62.6022, 54.7334.



This preview shows how white text looks on a background with the XYZ color 51.1787, 62.6022,

54.7334.

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

51.1787, 62.6022, 54.7334

Protanopia

58.7225, 62.1087, 51.0126

Deuteranopia

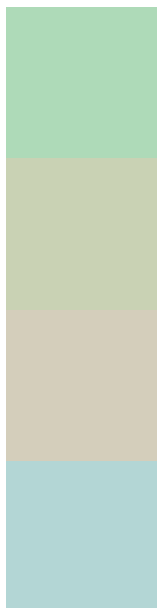
63.4322, 61.9701, 56.1951



Tritanopia

56.9777, 62.6892, 83.2259

Trichromacy



Original Color

51.1787, 62.6022, 54.7334

Protanomaly

55.3722, 61.8060, 52.1913

Deuteranomaly

58.1923, 61.7275, 55.8612

Tritanomaly

54.6472, 62.4809, 72.1306

Monochromacy



Original Color

51.1787, 62.6022, 54.7334

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.6490, 59.6421, 60.3142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1787, 62.6022, 54.7334 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(174, 218, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 184)  
}
```

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(174, 218, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.1787, 62.6022, 54.7334 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(174, 218, 184) }
```


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

```
.border{ border-color:rgb(174, 218, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 218, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1787, 62.6022, 54.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 184) }
```

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

```
.background{ background-color: rgb(174,  
218, 184) }
```

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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