

Converting Colors

XYZ(51.1026, 63.0939, 53.5364)

Have a look what the booklet for
XYZ(51.1026, 63.0939, 53.5364)
contains.

XYZ(51.0086, 62.9247, 53.7132)	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(51.0086, 62.9247,
53.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDDBB6
RGB	173, 219, 182
RGB Percent	68%, 86%, 71%
CMY	0.3216, 0.1412, 0.2863
CMYK	0.21, 0.00, 0.17, 0.14
HSL	132°, 39%, 77%
HSV	132°, 21%, 86%
XYZ	51.0086, 62.9247, 53.7132
YIQ	201.0280, -15.5390, -21.2590

Conversions

Conversions Part 2

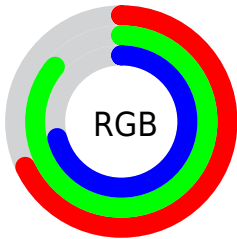
Format	Color
RYB	173, 211, 219
Decimal	11393974
CIELab	83.40, -22.14, 13.35
CIElCh	83, 25.853, 148.898
Yxy	62.9247, 0.3043, 0.3753
Android (android.graphics.Color)	4289584054 (0xFFADDDB6)
YUV	201.0280, -9.3808, -24.5806
Hunter-Lab	79.3251, -24.0376, 15.3807

Details

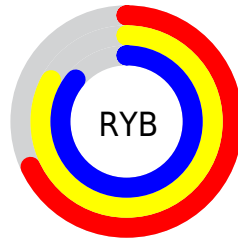
The XYZ color **51.0086, 62.9247, 53.7132** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.7921, 49.6018, 67.6091**, and the grayscale version is **55.5993, 58.4948, 63.7009**.

A 20% lighter version of the original color is **83.5057, 94.3511, 94.6993**, and **24.9836, 32.1290, 25.6536** is the 20% darker color. If you saturate the color by 10%, you get **44.8497, 59.9488, 44.5125**, and if you desaturate by 10%, it is **58.1937, 66.4068, 64.1601**.

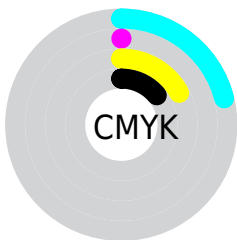
Distribution



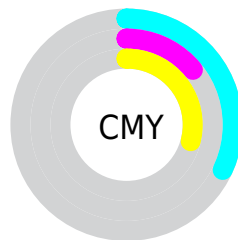
- Red (68%)
- Green (86%)
- Blue (71%)



- Red (68%)
- Yellow (83%)
- Blue (86%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)





- Cyan (32%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0086, 62.9247, 53.7132 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 51.0086, 62.9247, 53.7132 by changing the saturation by 10% instead.


 51.0086, 62.9247,
53.7132

 51.0086, 62.9247,
53.7132


380.9843,
435.2962, 418.1591

 36.4365, 45.7803,
37.9808


 90.8504, 109.0609,
97.1052

 24.9432, 32.0725,
25.6661


116.8508,
138.8214, 125.6018

 16.1632, 21.4169,
16.3505


147.3914,
173.5561, 159.1903

 9.7313, 13.4291,
9.6155

182.8375,
213.6494, 198.2891

 5.2821, 7.7247,
5.0425

223.5545,
259.4857, 243.3169

 2.4501, 3.9193,
2.2130

269.9078,

 0.8702, 1.6285,

311.4493, 294.6921

0.6819

322.2626,
369.9247, 352.8333

■ 0.0000, 0.3767,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0086, 62.9247,
53.7132

■ 51.0086, 62.9247,
53.7132

■ 44.8497, 59.9488,
44.5125

■ 58.1937, 66.4068,
64.1601

■ 39.6649, 57.4477,
36.5073

■ 66.4440, 70.4088,
75.8931

■ 35.4050, 55.3990,
29.6499

■ 75.8026, 74.9539,
88.9552

■ 32.0144, 53.7751,
23.8873

■ 84.2172, 78.9833,
103.2885

■ 29.4316, 52.5455,
19.1627

■ 84.6227, 79.1455,
105.4242

■ 27.5865, 51.6754,
15.4141

■ 26.3966, 51.1236,
12.5725

■ 25.7660, 50.8388,
10.7257

Harmonies

Analogous

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



54.7272, 62.9247, 44.7961



51.0086, 62.9247, 53.7132



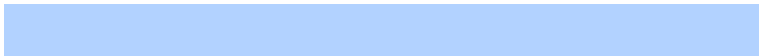
49.6235, 62.9247, 67.9196

Triad

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



51.0086, 62.9247, 53.7132



59.6000, 62.9247, 104.4254



69.7960, 62.9247, 54.5963

Complementary

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



51.0086, 62.9247, 53.7132



55.7921, 49.6018, 67.6091

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.



71.2987, 62.9247, 69.1125



51.0086, 62.9247, 53.7132



65.1940, 62.9247, 99.4026

Square

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



51.0086, 62.9247, 53.7132



54.3880, 62.9247, 98.6401



69.5654, 62.9247, 85.8116



65.5768, 62.9247, 45.2469

Rectangle

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



51.0086, 62.9247, 53.7132



50.1387, 62.9247, 79.0553



69.5654, 62.9247, 85.8116



70.6468, 62.9247, 58.9546

Sweetspot

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



51.0103, 62.9274, 53.7146



87.7248, 96.4454, 98.5437



59.6168, 67.4682, 49.4164



18.6134, 20.5640, 20.8599



0.0000, 0.0000, 0.0000



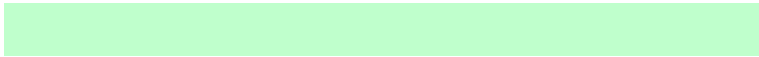
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0103, 62.9274, 53.7146



68.1746, 86.9751, 70.1471



53.5182, 63.9305, 66.9210



12.9901, 14.6477, 14.4110



15.3080, 30.1558, 6.5216



1.0223, 1.9659, 0.5834

Inverse Universe

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



55.7921, 49.6018, 67.6091



76.0317, 65.0733, 92.9735



53.1894, 48.5607, 53.9035



13.4995, 13.2289, 15.8915



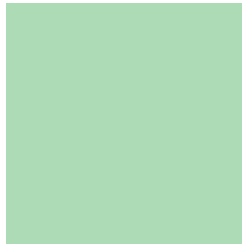
22.0171, 10.8079, 25.5341



1.4549, 0.7116, 1.8043

Previews

White Background



This preview shows how the XYZ color 51.0086, 62.9247, 53.7132 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 51.0086, 62.9247, 53.7132 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 51.0086, 62.9247, 53.7132

Background



This preview shows how black text looks on a background with the XYZ color 51.0086, 62.9247, 53.7132.



This preview shows how white text looks on a background with the XYZ color 51.0086, 62.9247,

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

51.0086, 62.9247, 53.7132

Protanopia

59.0627, 62.6657, 50.0570

Deuteranopia

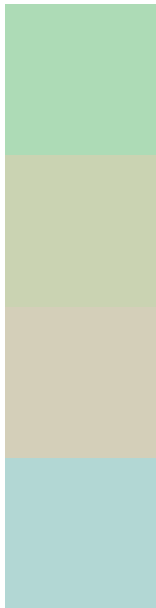
63.7782, 62.5159, 55.1597



Tritanopia

56.7424, 62.5679, 83.2149

Trichromacy



Original Color

51.0086, 62.9247, 53.7132

Protanomaly

55.6873, 62.3594, 51.2210

Deuteranomaly

58.2212, 62.1255, 54.8218

Tritanomaly

54.5442, 62.8193, 71.5379

Monochromacy



Original Color

51.0086, 62.9247, 53.7132

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.7793, 60.0832, 59.8017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0086, 62.9247, 53.7132 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(173, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 182)  
}
```

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(173, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 182) }
```

Border

The CSS property to change the border of an element to XYZ 51.0086, 62.9247, 53.7132 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(173, 219, 182) }
```


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

```
.border{ border-color:rgb(173, 219, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0086, 62.9247, 53.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 182) }
```

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

```
.background{ background-color: rgb(173,  
219, 182) }
```

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