

Converting Colors

XYZ(51.2762, 63.5568, 53.0705)

Have a look what the booklet for
XYZ(51.2762, 63.5568, 53.0705)
contains.

XYZ(51.1673, 63.4068, 53.2580)	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(51.1673, 63.4068,
53.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDCB5
RGB	173, 220, 181
RGB Percent	68%, 86%, 71%
CMY	0.3216, 0.1372, 0.2902
CMYK	0.21, 0.00, 0.18, 0.14
HSL	130°, 40%, 77%
HSV	130°, 21%, 86%
XYZ	51.1673, 63.4068, 53.2580
YIQ	201.5010, -15.4930, -22.0930

Conversions

Conversions Part 2

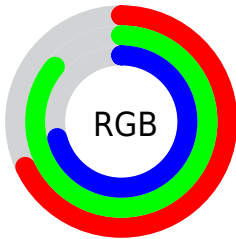
Format	Color
RYB	173, 213, 220
Decimal	11394229
CIELab	83.66, -22.81, 14.24
CIElCh	84, 26.887, 148.022
Yxy	63.4068, 0.3049, 0.3778
Android (android.graphics.Color)	4289584309 (0xFFADD5B5)
YUV	201.5010, -10.1070, -24.9954
Hunter-Lab	79.6284, -24.6498, 16.0848

Details

The XYZ color **51.1673, 63.4068, 53.2580** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.3447, 49.8578, 68.9441**, and the grayscale version is **55.8975, 58.8085, 64.0425**.

A 20% lighter version of the original color is **83.3592, 94.2924, 93.9275**, and **25.0971, 32.4618, 25.3651** is the 20% darker color. If you saturate the color by 10%, you get **44.9452, 60.4035, 43.8213**, and if you desaturate by 10%, it is **58.4394, 66.9267, 64.0279**.

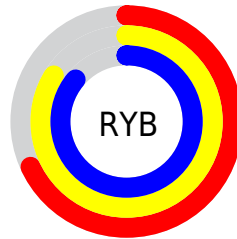
Distribution



Red (68%)

Green (86%)

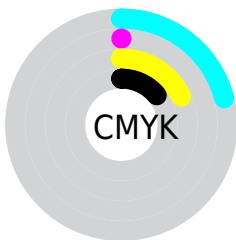
Blue (71%)



Red (68%)

Yellow (84%)

Blue (86%)

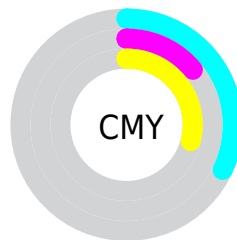


Cyan (21%)

Magenta (0%)

Yellow (18%)

Black (14%)



Cyan (32%)

Magenta (14%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1673, 63.4068, 53.2580 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 51.1673, 63.4068, 53.2580 by changing the saturation by 10% instead.

■ 51.1673, 63.4068,
53.2580

■ 51.1673, 63.4068,
53.2580

381.5904,
437.0443, 416.3685

■ 36.5634, 46.1704,
37.6196

■ 91.0835, 109.7562,
96.4293

■ 25.0417, 32.3803,
25.3881

117.1265,
139.6380, 124.7993

■ 16.2370, 21.6521,
16.1448

147.7133,
174.5036, 158.2503

■ 9.7840, 13.6015,
9.4712

183.2091,
214.7376, 197.2008

■ 5.3171, 7.8440,
4.9488

223.9794,
260.7242, 242.0693

■ 2.4712, 3.9953,
2.1590

270.3894,

■ 0.8807, 1.6709,

312.8480, 293.2744

0.6506

322.8047,
371.4932, 351.2346

■ 0.0000, 0.4047,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.1673, 63.4068,
53.2580

■ 51.1673, 63.4068,
53.2580

■ 44.9452, 60.4035,
43.8213

■ 58.4394, 66.9267,
64.0279

■ 39.7194, 57.8846,
35.6618

■ 66.8017, 70.9774,
76.1756

■ 35.4389, 55.8270,
28.7259

■ 76.2988, 75.5828,
89.7488

■ 32.0463, 54.2023,
22.9544

■ 84.7278, 79.6062,
104.6870

■ 29.4779, 52.9790,
18.2834

■ 84.8844, 79.6688,
105.5115

■ 27.6612, 52.1211,
14.6426

■ 26.5104, 51.5862,
11.9536

■ 25.9354, 51.3252,
10.3270

Harmonies

Analogous

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



55.1042, 63.4068, 44.1984



51.1673, 63.4068, 53.2580



49.6488, 63.4068, 67.9268

Triad

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



51.1673, 63.4068, 53.2580



59.8766, 63.4068, 106.7606



70.8186, 63.4068, 54.9041

Complementary

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



51.1673, 63.4068, 53.2580



56.3447, 49.8578, 68.9441

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.



72.2987, 63.4068, 70.1637



51.1673, 63.4068, 53.2580



65.7410, 63.4068, 101.7847

Square

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



51.1673, 63.4068, 53.2580



54.4694, 63.4068, 100.3427



70.3846, 63.4068, 87.6654



66.4604, 63.4068, 45.0345

Rectangle

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



51.1673, 63.4068, 53.2580



50.1324, 63.4068, 79.5601



70.3846, 63.4068, 87.6654



71.6812, 63.4068, 59.4893

Sweetspot

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



51.1690, 63.4095, 53.2594



87.6662, 96.4219, 98.2349



60.3380, 68.2284, 49.5252



18.5995, 20.5585, 20.7871



0.0000, 0.0000, 0.0000



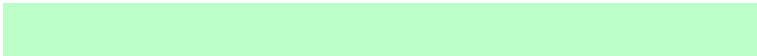
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1690, 63.4095, 53.2594



67.0955, 86.4699, 67.7883



53.7679, 64.4490, 66.9449



12.9765, 14.6422, 14.3393



15.2486, 30.1321, 6.2084



1.0159, 1.9633, 0.5498

Inverse Universe

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



56.3447, 49.8578, 68.9441



75.6591, 64.0406, 93.7349



53.6099, 48.7639, 54.5429



13.5143, 13.2348, 15.9694



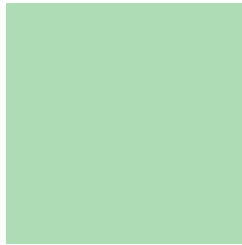
22.3475, 10.9400, 27.2738



1.4735, 0.7190, 1.9023

Previews

White Background



This preview shows how the XYZ color 51.1673, 63.4068, 53.2580 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 51.1673, 63.4068, 53.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

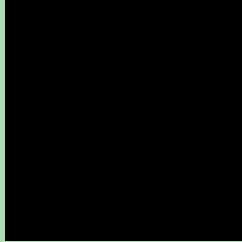
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1673, 63.4068, 53.2580

Background



This preview shows how black text looks on a background with the XYZ color 51.1673, 63.4068, 53.2580.



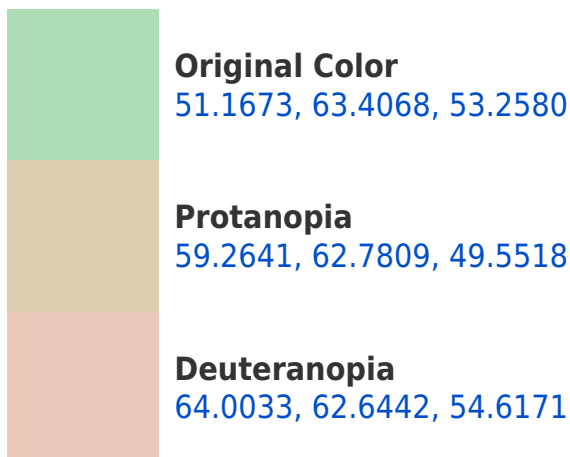
This preview shows how white text looks on a background with the XYZ color 51.1673, 63.4068,

53.2580.

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

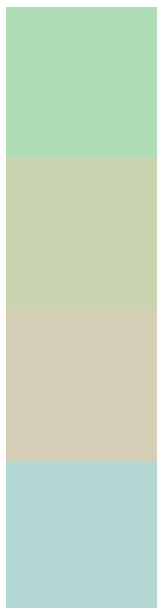




Tritanopia

57.3686, 63.2468, 84.0471

Trichromacy



Original Color

51.1673, 63.4068, 53.2580

Protanomaly

55.8364, 62.8178, 50.7771

Deuteranomaly

58.4051, 62.2325, 54.2812

Tritanomaly

55.0299, 63.4489, 71.6338

Monochromacy



Original Color

51.1673, 63.4068, 53.2580

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.0239, 60.5723, 59.8832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1673, 63.4068, 53.2580 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, 220, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 181)  
}
```

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, 220, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.1673, 63.4068, 53.2580 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, 220, 181) }
```


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

```
.border{ border-color:rgb(173, 220, 181) }
```

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

Here you see how a box with a 4 pixel rgb(173, 220, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 220, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 220, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 220,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1673, 63.4068, 53.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 220, 181) }
```

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

```
.background{ background-color: rgb(173,  
220, 181) }
```

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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