

Converting Colors

XYZ(52.0867, 62.6651, 51.3304)

Have a look what the booklet for
XYZ(52.0867, 62.6651, 51.3304)
contains.

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Color

**XYZ(52.1401, 62.7851,
51.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D9B2
RGB	182, 217, 178
RGB Percent	71%, 85%, 70%
CMY	0.2863, 0.1490, 0.3020
CMYK	0.16, 0.00, 0.18, 0.15
HSL	114°, 34%, 77%
HSV	114°, 18%, 85%
XYZ	52.1401, 62.7851, 51.4901
YIQ	202.0890, -8.3410, -19.5490

Conversions

Conversions Part 2

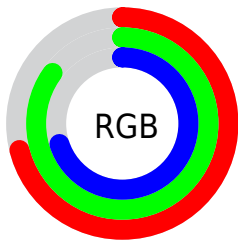
Format	Color
RYB	178, 217, 213
Decimal	11983282
CIELab	83.33, -18.84, 15.44
CIELCh	83, 24.356, 140.662
Yxy	62.7851, 0.3133, 0.3773
Android (android.graphics.Color)	4290173362 (0xFFB6D9B2)
YUV	202.0890, -11.8759, -17.6181
Hunter-Lab	79.2370, -21.2071, 16.9379

Details

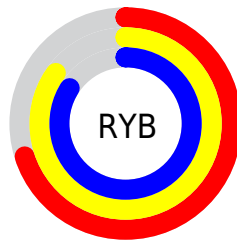
The XYZ color **52.1401, 62.7851, 51.4901** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.8879, 50.9984, 72.5469**, and the grayscale version is **56.2714, 59.2019, 64.4709**.

A 20% lighter version of the original color is **85.8712, 95.6377, 91.7759**, and **25.6753, 31.9885, 24.2232** is the 20% darker color. If you saturate the color by 10%, you get **45.8477, 59.7752, 40.7077**, and if you desaturate by 10%, it is **59.4203, 66.2680, 64.1205**.

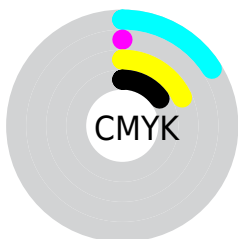
Distribution



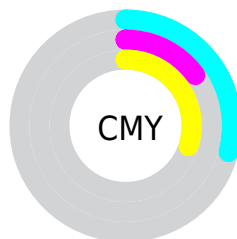
- Red (71%)
- Green (85%)
- Blue (70%)



- Red (70%)
- Yellow (85%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1401, 62.7851, 51.4901 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 52.1401, 62.7851, 51.4901 by changing the saturation by 10% instead.

■ 52.1401, 62.7851,
51.4901

■ 52.1401, 62.7851,
51.4901

385.2923,
434.7892, 409.3657

■ 37.3415, 45.6674,
36.2194

■ 92.5108, 108.8594,
93.7977

■ 25.6469, 31.9834,
24.3126

118.8136,
138.5848, 121.6717

■ 16.6909, 21.3488,
15.3514

149.6819,
173.2815, 154.5838

■ 10.1083, 13.3792,
8.9170

185.4810,
213.3340, 192.9526

■ 5.5337, 7.6902,
4.5910

226.5762,
259.1266, 237.1967

■ 2.6016, 3.8974,
1.9548

273.3329,

■ 0.9468, 1.6163,

311.0437, 287.7345

0.5273

326.1165,
369.4698, 344.9847

■ 0.0000, 0.3686,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1401, 62.7851,
51.4901

■ 52.1401, 62.7851,
51.4901

■ 45.8477, 59.7752,
40.7077

■ 59.4203, 66.2680,
64.1205

■ 40.4956, 57.2103,
31.6829

■ 67.7230, 70.2347,
78.6755

■ 36.0400, 55.0717,
24.3238

■ 77.0877, 74.7055,
95.2324

■ 32.4315, 53.3360,
18.5283

■ 84.1041, 78.1081,
105.2514

■ 29.6161, 51.9778,
14.1836

■ 27.5333, 50.9688,
11.1614

■ 26.1137, 50.2765,
9.3111

■ 25.2693, 49.8600,
8.4184

■ 25.1505, 49.8016,
8.2871

Harmonies

Analogous

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



56.1535, 62.7851, 44.5418



52.1401, 62.7851, 51.4901



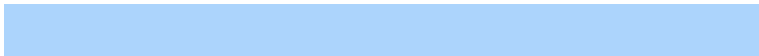
50.1796, 62.7851, 63.7380

Triad

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



52.1401, 62.7851, 51.4901



58.0380, 62.7851, 101.3707



69.7208, 62.7851, 58.5785

Complementary

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



52.1401, 62.7851, 51.4901



55.8879, 50.9984, 72.5469

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.



70.2994, 62.7851, 73.2050



52.1401, 62.7851, 51.4901



63.3415, 62.7851, 99.4461

Square

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



52.1401, 62.7851, 51.4901



53.4496, 62.7851, 93.4929



67.9037, 62.7851, 88.5681



66.3667, 62.7851, 48.1942

Rectangle

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



52.1401, 62.7851, 51.4901



50.2160, 62.7851, 73.9018



67.9037, 62.7851, 88.5681



70.2538, 62.7851, 63.1068

Sweetspot

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



52.1418, 62.7878, 51.4915



88.9794, 97.0998, 98.2538



60.3100, 65.2813, 51.5423



18.8692, 20.6992, 20.7224



0.0000, 0.0000, 0.0000



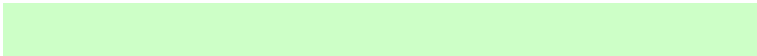
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1418, 62.7878, 51.4915



71.1383, 88.5686, 67.3180



52.7949, 62.9415, 59.7909



13.0098, 14.6698, 13.8714



15.2658, 30.1673, 5.0183



1.0320, 1.9766, 0.3271

Inverse Universe

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



55.8879, 50.9984, 72.5469



77.6056, 68.2061, 103.6826



55.2044, 50.8607, 62.8179



13.4760, 13.2035, 16.4904



21.2184, 10.0627, 40.5624



1.4134, 0.6719, 2.6296

Previews

White Background



This preview shows how the XYZ color 52.1401, 62.7851, 51.4901 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 52.1401, 62.7851, 51.4901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

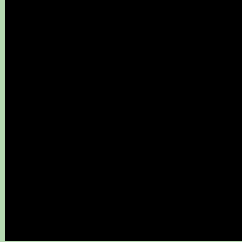
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

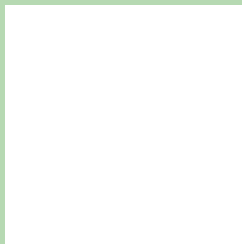
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1401, 62.7851, 51.4901

Background



This preview shows how black text looks on a background with the XYZ color 52.1401, 62.7851, 51.4901.



This preview shows how white text looks on a background with the XYZ color 52.1401, 62.7851,

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

52.1401, 62.7851, 51.4901

Protanopia

59.0691, 62.7028, 48.5247

Deuteranopia

63.6898, 62.5188, 52.9665



Tritanopia

58.1469, 62.5864, 81.6888

Trichromacy



Original Color

52.1401, 62.7851, 51.4901

Protanomaly

56.4857, 62.8055, 49.7030

Deuteranomaly

58.7307, 62.0777, 52.6028

Tritanomaly

55.7964, 62.7567, 69.4941

Monochromacy



Original Color

52.1401, 62.7851, 51.4901

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.4441, 60.0780, 59.1788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1401, 62.7851, 51.4901 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(182, 217, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 217, 178)  
}
```

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(182, 217, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 217, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.1401, 62.7851, 51.4901 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(182, 217, 178) }
```


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

```
.border{ border-color:rgb(182, 217, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 217, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 217, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 217, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 217,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1401, 62.7851, 51.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 217, 178) }
```

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

```
.background{ background-color: rgb(182,  
217, 178) }
```

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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