

Converting Colors

XYZ(50.7454, 62.6645, 53.7003)

Have a look what the booklet for
XYZ(50.7454, 62.6645, 53.7003)
contains.

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Color

**XYZ(50.7883, 62.8111,
53.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDDB6
RGB	172, 219, 182
RGB Percent	67%, 86%, 71%
CMY	0.3255, 0.1412, 0.2863
CMYK	0.21, 0.00, 0.17, 0.14
HSL	133°, 40%, 77%
HSV	133°, 21%, 86%
XYZ	50.7883, 62.8111, 53.7029
YIQ	200.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

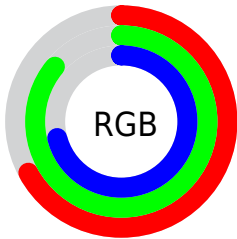
Format	Color
RYB	172, 211, 219
Decimal	11328438
CIELab	83.34, -22.46, 13.26
CIElCh	83, 26.087, 149.445
Yxy	62.8111, 0.3036, 0.3754
Android (android.graphics.Color)	4289518518 (0xFFACDBB6)
YUV	200.7290, -9.2334, -25.1953
Hunter-Lab	79.2535, -24.3047, 15.3019

Details

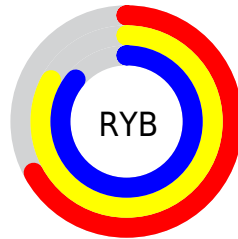
The XYZ color **50.7883, 62.8111, 53.7029** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.4768, 49.1701, 66.8913**, and the grayscale version is **55.4135, 58.2993, 63.4879**.

A 20% lighter version of the original color is **83.1875, 94.1870, 94.6844**, and **24.8457, 32.0578, 25.6472** is the 20% darker color. If you saturate the color by 10%, you get **44.6988, 59.8670, 44.6829**, and if you desaturate by 10%, it is **57.8927, 66.2566, 63.9183**.

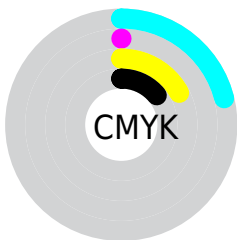
Distribution



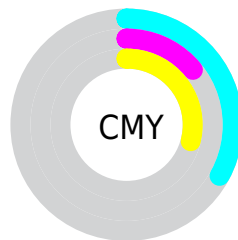
- Red (67%)
- Green (86%)
- Blue (71%)



- Red (67%)
- Yellow (83%)
- Blue (86%)



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



- Cyan (33%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7883, 62.8111, 53.7029 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 50.7883, 62.8111, 53.7029 by changing the saturation by 10% instead.

■ 50.7883, 62.8111,
53.7029

■ 50.7883, 62.8111,
53.7029

380.1420,
434.8836, 418.1186

■ 36.2605, 45.6884,
37.9726

■ 90.5266, 108.8969,
97.0899

■ 24.8065, 32.0000,
25.6598

116.4679,
138.6289, 125.5837

■ 16.0609, 21.3615,
16.3458

146.9443,
173.3327, 159.1690

■ 9.6584, 13.3885,
9.6122

182.3213,
213.3928, 198.2645

■ 5.2336, 7.6966,
5.0404

222.9642,
259.1935, 243.2887

■ 2.4211, 3.9014,
2.2118

269.2384,

■ 0.8556, 1.6186,

311.1193, 294.6601

0.6812

321.5092,
369.5545, 352.7972

■ 0.0000, 0.3701,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7883, 62.8111,
53.7029

■ 50.7883, 62.8111,
53.7029

■ 44.6988, 59.8670,
44.6829

■ 57.8927, 66.2566,
63.9183

■ 39.5724, 57.3932,
36.8104

■ 66.0506, 70.2172,
75.3662

■ 35.3603, 55.3672,
30.0406

■ 75.3047, 74.7159,
88.0873

■ 32.0075, 53.7619,
24.3241

■ 83.9799, 78.8883,
102.0392

■ 29.4528, 52.5466,
19.6076

■ 84.6227, 79.1454,
105.4242

■ 27.6264, 51.6867,
15.8332

■ 26.4462, 51.1412,
12.9369

■ 25.8377, 50.8674,
11.1033

Harmonies

Analogous

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



54.4953, 62.8111, 44.6278



50.7883, 62.8111, 53.7029



49.4405, 62.8111, 68.0882

Triad

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



50.7883, 62.8111, 53.7029



59.5944, 62.8111, 104.6386



69.7149, 62.8111, 54.1505

Complementary

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



50.7883, 62.8111, 53.7029



55.4768, 49.1701, 66.8913

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.



71.2890, 62.8111, 68.6939



50.7883, 62.8111, 53.7029



65.2261, 62.8111, 99.3720

Square

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



50.7883, 62.8111, 53.7029



54.3232, 62.8111, 98.9840



69.5977, 62.8111, 85.5383



65.4206, 62.8111, 44.8560

Rectangle

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



50.7883, 62.8111, 53.7029



49.9909, 62.8111, 79.3297



69.5977, 62.8111, 85.5383



70.5913, 62.8111, 58.5064

Sweetspot

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



50.7900, 62.8137, 53.7043



87.7643, 96.4612, 98.7517



59.2450, 67.2876, 48.8958



18.6227, 20.5678, 20.9089



0.0000, 0.0000, 0.0000



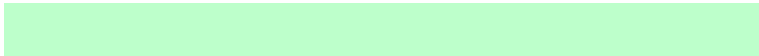
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7900, 62.8137, 53.7043



67.4283, 86.6030, 69.5409



53.3541, 63.8394, 67.2069



12.9993, 14.6514, 14.4594



15.3526, 30.1737, 6.7563



1.0266, 1.9676, 0.6061

Inverse Universe

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



55.4768, 49.1701, 66.8913



75.2345, 63.8708, 91.4992



52.8414, 48.1159, 53.0138



13.4896, 13.2249, 15.8392



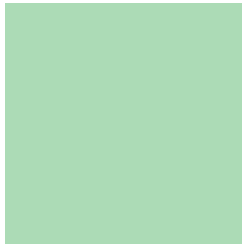
21.8023, 10.7220, 24.4027



1.4427, 0.7067, 1.7402

Previews

White Background



This preview shows how the XYZ color 50.7883, 62.8111, 53.7029 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 50.7883, 62.8111, 53.7029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

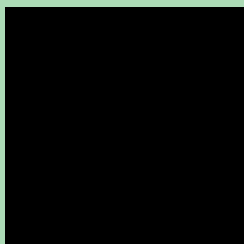
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

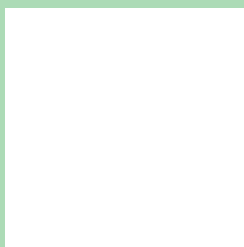
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7883, 62.8111, 53.7029

Background



This preview shows how black text looks on a background with the XYZ color 50.7883, 62.8111, 53.7029.

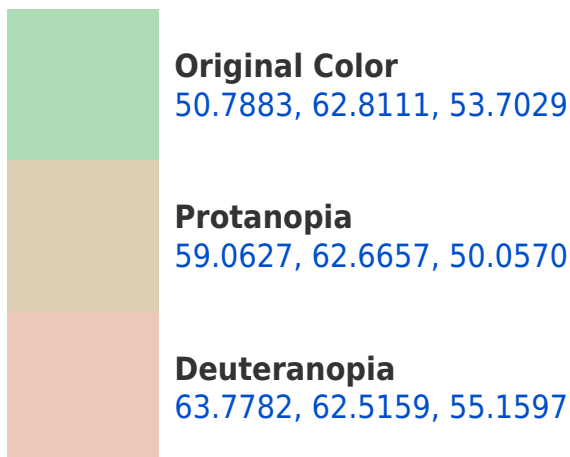


This preview shows how white text looks on a background with the XYZ color 50.7883, 62.8111,

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

56.5087, 62.4474, 83.2040

Trichromacy



Original Color

50.7883, 62.8111, 53.7029

Protanomaly

55.4175, 62.2204, 51.2084

Deuteranomaly

58.2212, 62.1255, 54.8218

Tritanomaly

54.3156, 62.7015, 71.5272

Monochromacy



Original Color

50.7883, 62.8111, 53.7029

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.5287, 59.9539, 59.7899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7883, 62.8111, 53.7029 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(172, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.7883, 62.8111, 53.7029 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(172, 219, 182) }
```


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

```
.border{ border-color:rgb(172, 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(172, 219, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7883, 62.8111, 53.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 182) }
```

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

```
.background{ background-color: rgb(172,  
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](#).

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