

Converting Colors

XYZ(52.0690, 60.6870, 53.2357)

Have a look what the booklet for
XYZ(52.0690, 60.6870, 53.2357)
contains.

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Color

**XYZ(52.2367, 60.9035,
53.2583)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD4B6
RGB	186, 212, 182
RGB Percent	73%, 83%, 71%
CMY	0.2706, 0.1686, 0.2863
CMYK	0.12, 0.00, 0.14, 0.17
HSL	112°, 26%, 77%
HSV	112°, 14%, 83%
XYZ	52.2367, 60.9035, 53.2583
YIQ	200.8060, -5.8660, -14.8420

Conversions

Conversions Part 2

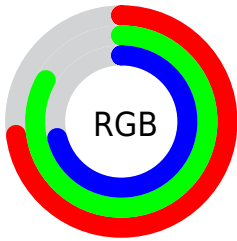
Format	Color
RYB	182, 212, 208
Decimal	12244150
CIELab	82.33, -14.26, 11.95
CIELCh	82, 18.607, 140.051
Yxy	60.9035, 0.3139, 0.3660
Android (android.graphics.Color)	4290434230 (0xFFBAD4B6)
YUV	200.8060, -9.2714, -12.9849
Hunter-Lab	78.0407, -17.0919, 14.1665

Details

The XYZ color **52.2367, 60.9035, 53.2583** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6264, 51.6209, 69.3753**, and the grayscale version is **55.4568, 58.3449, 63.5376**.

A 20% lighter version of the original color is **87.8106, 96.5703, 94.9007**, and **25.6923, 30.6855, 25.3376** is the 20% darker color. If you saturate the color by 10%, you get **46.0293, 57.9395, 42.3838**, and if you desaturate by 10%, it is **59.3532, 64.3013, 65.9094**.

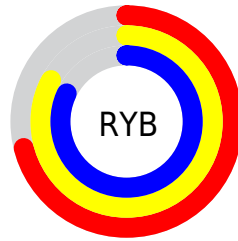
Distribution



Red (73%)

Green (83%)

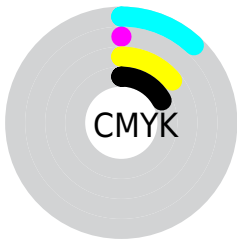
Blue (71%)



Red (71%)

Yellow (83%)

Blue (82%)

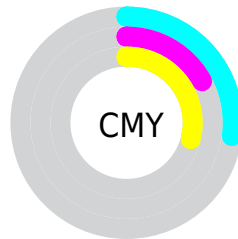


Cyan (12%)

Magenta (0%)

Yellow (14%)

Black (17%)



Cyan (27%)

Magenta (17%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2367, 60.9035, 53.2583 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 52.2367, 60.9035, 53.2583 by changing the saturation by 10% instead.

■ 52.2367, 60.9035,
53.2583

■ 52.2367, 60.9035,
53.2583

385.6587,
427.9201, 416.3697

■ 37.4188, 44.1473,
37.6199

■ 92.6524, 106.1392,
96.4297

■ 25.7071, 30.7863,
25.3883

118.9809,
135.3875, 124.7998

■ 16.7362, 20.4362,
16.1449

149.8770,
169.5686, 158.2509

■ 10.1407, 12.7125,
9.4713

185.7060,
209.0669, 197.2015

■ 5.5553, 7.2309,
4.9489

226.8334,
254.2668, 242.0701

■ 2.6147, 3.6069,
2.1591

273.6243,

■ 0.9535, 1.4562,

305.5527, 293.2753

0.6506

326.4443,
363.3090, 351.2357

■ 0.0000, 0.2576,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.2367, 60.9035,
53.2583

■ 52.2367, 60.9035,
53.2583

■ 46.0293, 57.9395,
42.3838

■ 59.3532, 64.3013,
65.9094

■ 40.6895, 55.3844,
33.2025

■ 67.4083, 68.1413,
80.4074

■ 36.1798, 53.2225,
25.6306

■ 76.4364, 72.4415,
96.8236

■ 32.4581, 51.4341,
19.5752

■ 82.8347, 75.5694,
104.8282

■ 29.4786, 49.9977,
14.9342

■ 27.1905, 48.8898,
11.5928

■ 25.5368, 48.0837,
9.4183

■ 24.4505, 47.5484,
8.2498

■ 24.0308, 47.3400,
7.8710

Harmonies

Analogous

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



55.3121, 60.9035, 47.8444



52.2367, 60.9035, 53.2583



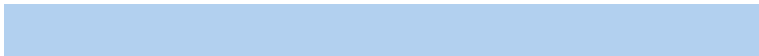
50.6976, 60.9035, 62.6123

Triad

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



52.2367, 60.9035, 53.2583



56.5797, 60.9035, 90.2287



65.3483, 60.9035, 59.1054

Complementary

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



52.2367, 60.9035, 53.2583



54.6264, 51.6209, 69.3753

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.



65.7258, 60.9035, 70.1578



52.2367, 60.9035, 53.2583



60.5405, 60.9035, 89.0122

Square

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



52.2367, 60.9035, 53.2583



53.1282, 60.9035, 84.5004



63.9306, 60.9035, 81.3449



62.9217, 60.9035, 50.9435

Rectangle

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



52.2367, 60.9035, 53.2583



50.6997, 60.9035, 70.1979



63.9306, 60.9035, 81.3449



65.7232, 60.9035, 62.5753

Sweetspot

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



52.2384, 60.9061, 53.2596



90.2730, 97.7221, 100.3306



58.1534, 62.4891, 53.2534



19.1354, 20.8275, 21.1409



0.0000, 0.0000, 0.0000



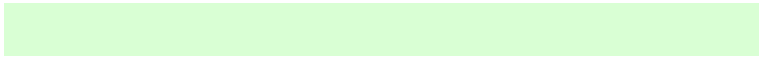
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2384, 60.9061, 53.2596



76.3425, 91.0733, 75.6114



52.4624, 60.8850, 59.4406



12.4148, 13.9745, 13.2037



14.8828, 29.2487, 4.8612



0.9490, 1.7906, 0.2956

Inverse Universe

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



54.6264, 51.6209, 69.3753



80.6519, 74.3126, 104.7007



54.4241, 51.6715, 62.3657



12.7826, 12.5449, 15.6852



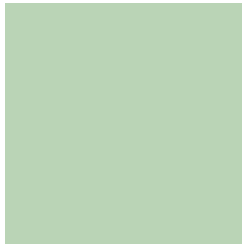
19.5626, 9.2374, 39.2051



1.2261, 0.5810, 2.3668

Previews

White Background



This preview shows how the XYZ color 52.2367, 60.9035, 53.2583 looks on a white background.

Color Contrast Check

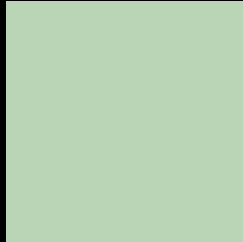
Large Text (above 18pt) WCAG AA × Fail

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 52.2367, 60.9035, 53.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

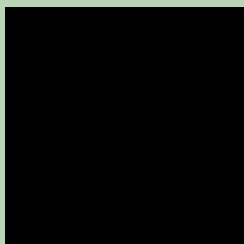
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

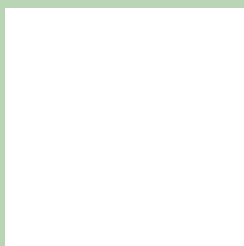
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2367, 60.9035, 53.2583

Background



This preview shows how black text looks on a background with the XYZ color 52.2367, 60.9035, 53.2583.

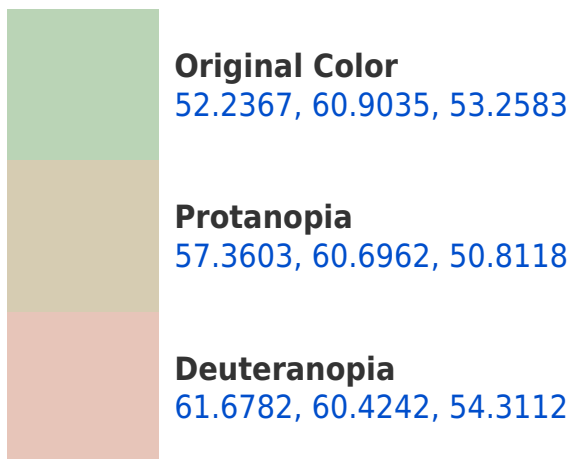


This preview shows how white text looks on a background with the XYZ color 52.2367, 60.9035,

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

57.3829, 60.8078, 78.5247

Trichromacy



Original Color

52.2367, 60.9035, 53.2583

Protanomaly

55.3513, 60.7177, 51.4502

Deuteranomaly

57.7966, 60.1488, 53.9111

Tritanomaly

55.1762, 60.6130, 68.4659

Monochromacy



Original Color

52.2367, 60.9035, 53.2583

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.3339, 59.2934, 59.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2367, 60.9035, 53.2583 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(186, 212, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 212, 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(186, 212, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 212, 182) }
```

Border

The CSS property to change the border of an element to XYZ 52.2367, 60.9035, 53.2583 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(186, 212, 182) }
```


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

```
.border{ border-color:rgb(186, 212, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 212, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 212, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 212, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 212,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2367, 60.9035, 53.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 212, 182) }
```

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

```
.background{ background-color: rgb(186,  
212, 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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