

Converting Colors

XYZ(52.8925, 62.1629, 50.0480)

Have a look what the booklet for
XYZ(52.8925, 62.1629, 50.0480)
contains.

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Color

**XYZ(52.8693, 62.0465,
50.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD6B0
RGB	189, 214, 176
RGB Percent	74%, 84%, 69%
CMY	0.2588, 0.1608, 0.3098
CMYK	0.12, 0.00, 0.18, 0.16
HSL	99°, 32%, 76%
HSV	99°, 18%, 84%
XYZ	52.8693, 62.0465, 50.2640
YIQ	202.1930, -2.7020, -17.1180

Conversions

Conversions Part 2

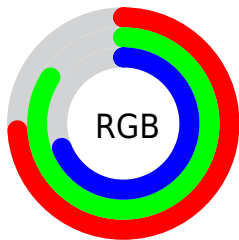
Format	Color
RYB	176, 214, 201
Decimal	12441264
CIELab	82.94, -15.25, 16.01
CIELCh	83, 22.114, 133.609
Yxy	62.0465, 0.3201, 0.3756
Android (android.graphics.Color)	4290631344 (0xFFBDD6B0)
YUV	202.1930, -12.9131, -11.5703
Hunter-Lab	78.7696, -18.0395, 17.3049

Details

The XYZ color **52.8693, 62.0465, 50.2640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7528, 48.3250, 70.2215**, and the grayscale version is **56.3402, 59.2743, 64.5497**.

A 20% lighter version of the original color is **87.9817, 96.7587, 90.3831**, and **25.9650, 31.3772, 23.4268** is the 20% darker color. If you saturate the color by 10%, you get **47.5921, 59.5535, 39.8217**, and if you desaturate by 10%, it is **58.8228, 64.8532, 62.4830**.

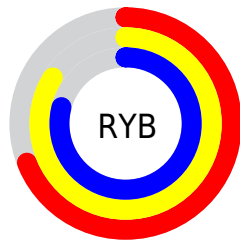
Distribution



Red (74%)

Green (84%)

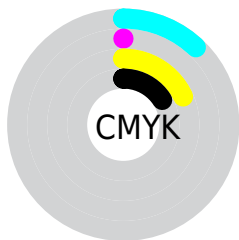
Blue (69%)



Red (69%)

Yellow (84%)

Blue (79%)

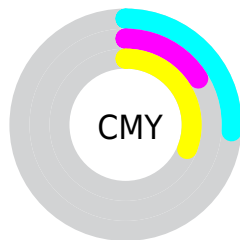


Cyan (12%)

Magenta (0%)

Yellow (18%)

Black (16%)



Cyan (26%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8693, 62.0465, 50.2640 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 52.8693, 62.0465, 50.2640 by changing the saturation by 10% instead.

■ 52.8693, 62.0465,
50.2640

■ 52.8693, 62.0465,
50.2640

388.0526,
432.1007, 404.4621

■ 37.9255, 45.0703,
35.2506

■ 93.5787, 107.7927,
91.9662

■ 26.1018, 31.5128,
23.5709

120.0750,
137.3315, 119.4921

■ 17.0329, 20.9896,
14.8063

151.1528,
171.8266, 152.0259

■ 10.3534, 13.1164,
8.5385

187.1775,
211.6625, 189.9861

■ 5.6980, 7.5088,
4.3487

228.5145,
257.2234, 233.7913

■ 2.7012, 3.7823,
1.8185

275.5291,

■ 0.9978, 1.5525,

308.8938, 283.8600

0.4401

328.5867,
367.0581, 340.6107

■ 0.0000, 0.3253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8693, 62.0465,
50.2640

■ 52.8693, 62.0465,
50.2640

■ 47.5921, 59.5535,
39.8217

■ 58.8228, 64.8532,
62.4830

■ 42.9611, 57.3551,
31.0695

■ 65.4714, 67.9762,
76.5518

■ 38.9510, 55.4419,
23.9195

■ 72.8393, 71.4281,
92.5445

■ 35.5327, 53.8011,
18.2742

■ 79.8665, 74.7861,
104.8335

■ 32.6748, 52.4189,
14.0259

■ 83.3378, 76.5756,
104.9959

■ 30.3424, 51.2799,
11.0519

■ 28.4957, 50.3668,
9.2088

■ 27.0831, 49.6573,
8.2952

■ 26.8107, 49.5199,
8.1452

Harmonies

Analogous

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



56.8410, 62.0465, 45.1043



52.8693, 62.0465, 50.2640



50.6027, 62.0465, 60.4118

Triad

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



52.8693, 62.0465, 50.2640



56.4222, 62.0465, 96.0288



68.3467, 62.0465, 61.5626

Complementary

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



52.8693, 62.0465, 50.2640



51.7528, 48.3250, 70.2215

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.



68.2196, 62.0465, 75.2468



52.8693, 62.0465, 50.2640



61.1584, 62.0465, 96.4468

Square

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



52.8693, 62.0465, 50.2640



52.5770, 62.0465, 87.3487



65.5300, 62.0465, 88.4235



65.8685, 62.0465, 51.0082

Rectangle

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



52.8693, 62.0465, 50.2640



50.2831, 62.0465, 69.2255



65.5300, 62.0465, 88.4235



68.6112, 62.0465, 65.9177

Sweetspot

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



52.8710, 62.0492, 50.2654



90.0454, 97.6494, 98.3037



56.3873, 59.0668, 49.5044



19.1275, 20.8324, 20.7345



0.0000, 0.0000, 0.0000



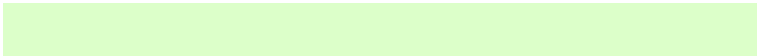
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8710, 62.0492, 50.2654



75.8004, 90.9376, 69.0939



50.3655, 60.6910, 53.1548



12.6589, 14.1004, 13.2152



16.3052, 29.9820, 4.9277



1.0709, 1.8534, 0.3013

Inverse Universe

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



51.7528, 48.3250, 70.2215



73.8610, 67.1534, 103.6767



54.6813, 49.9173, 66.6240



12.5214, 12.4102, 15.6730



14.0707, 6.4062, 38.9481



0.9358, 0.4313, 2.3532

Previews

White Background



This preview shows how the XYZ color 52.8693, 62.0465, 50.2640 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 52.8693, 62.0465, 50.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

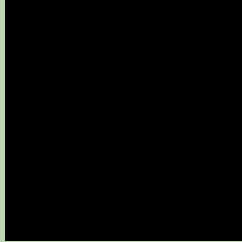
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

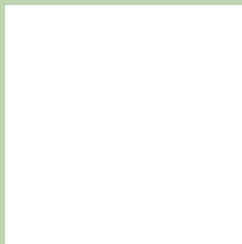
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8693, 62.0465, 50.2640

Background



This preview shows how black text looks on a background with the XYZ color 52.8693, 62.0465, 50.2640.



This preview shows how white text looks on a background with the XYZ color 52.8693, 62.0465,

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

52.8693, 62.0465, 50.2640

Protanopia

58.4311, 62.0266, 47.9224

Deuteranopia

63.1522, 61.9344, 51.2739



Tritanopia

58.5323, 61.7432, 79.3537

Trichromacy



Original Color

52.8693, 62.0465, 50.2640

Protanomaly

56.0754, 61.8835, 48.5244

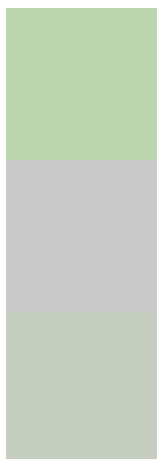
Deuteranomaly

58.8422, 61.4602, 50.8812

Tritanomaly

56.3014, 61.9356, 68.0189

Monochromacy



Original Color

52.8693, 62.0465, 50.2640

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.7229, 59.8632, 59.1226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8693, 62.0465, 50.2640 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(189, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(189, 214, 176)  
}
```

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(189, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 214, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.8693, 62.0465, 50.2640 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(189, 214, 176) }
```


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

```
.border{ border-color:rgb(189, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(189, 214,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8693, 62.0465, 50.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 214, 176) }
```

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

```
.background{ background-color: rgb(189,  
214, 176) }
```

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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