

Converting Colors

XYZ(52.7526, 63.2032, 30.1751)

Have a look what the booklet for
XYZ(52.7526, 63.2032, 30.1751)
contains.

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Color

**XYZ(52.8754, 63.2533,
30.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD881
RGB	202, 216, 129
RGB Percent	79%, 85%, 51%
CMY	0.2078, 0.1529, 0.4941
CMYK	0.06, 0.00, 0.40, 0.15
HSL	70°, 53%, 68%
HSV	70°, 40%, 85%
XYZ	52.8754, 63.2533, 30.1911
YIQ	201.8960, 19.5830, -30.0250

Conversions

Conversions Part 2

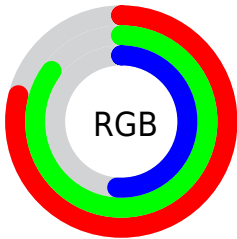
Format	Color
R _{YB}	129, 216, 143
Decimal	13293697
CIE Lab	83.58, -17.98, 41.26
CIE LCh	84, 45.013, 113.549
Yxy	63.2533, 0.3614, 0.4323
Android (android.graphics.Color)	4291483777 (0xFFCAD881)
YUV	201.8960, -35.9377, 0.0912
Hunter-Lab	79.5319, -20.5083, 33.1653

Details

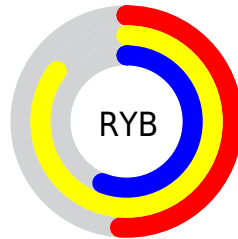
The XYZ color **52.8754, 63.2533, 30.1911** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.5750, 26.4996, 68.4203**, and the grayscale version is **56.2840, 59.2152, 64.4853**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **26.1526, 32.2428, 12.0528** is the 20% darker color. If you saturate the color by 10%, you get **50.6590, 62.2615, 23.3687**, and if you desaturate by 10%, it is **55.4196, 64.3831, 38.6156**.

Distribution



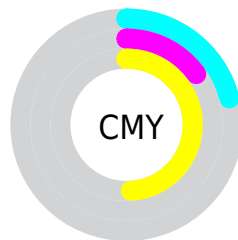
- Red (79%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (40%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8754, 63.2533, 30.1911 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 52.8754, 63.2533, 30.1911 by changing the saturation by 10% instead.

■ 52.8754, 63.2533,
30.1911

■ 52.8754, 63.2533,
30.1911

388.0756,
436.4882, 317.0292

■ 37.9304, 46.0462,
19.7304

■ 93.5876, 109.5349,
61.0288

■ 26.1056, 32.2822,
12.0171

■ 120.0855,
139.3781, 82.2430

■ 17.0358, 21.5772,
6.6326

■ 151.1651,
174.2021, 107.8786

■ 10.3555, 13.5465,
3.1585

187.1917,
214.3913, 138.3544

■ 5.6993, 7.8060,
1.1761

228.5307,
260.3301, 174.0888

■ 2.7020, 3.9710,
0.0000

275.5474,

■ 0.9982, 1.6574,

312.4030, 215.5004

0.0000

328.6073,
370.9942, 263.0076

0.0000, 0.3958,
0.0000

0.0000, 0.0000,
0.0000

52.8754, 63.2533,
30.1911

52.8754, 63.2533,
30.1911

50.6590, 62.2615,
23.3687

55.4196, 64.3831,
38.6156

48.7464, 61.3914,
18.0427


58.3048, 65.6496,
48.7309


47.1174, 60.6372,
14.1013


61.5488, 67.0621,
60.6239


45.7475, 59.9890,
11.4151


65.1670, 68.6267,
74.3745


 44.6071, 59.4350,
9.8305


 69.1738, 70.3493,
90.0576

 43.6681, 58.9665,
9.0801

 72.9966, 72.0008,
104.6580

 74.0782, 72.5584,
104.7086

 75.1820, 73.1274,
104.7602

 76.3079, 73.7079,
104.8129

Harmonies

Analogous

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



62.2709, 63.2533, 27.8490



52.8754, 63.2533, 30.1911



46.1530, 63.2533, 41.4396

Triad

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



52.8754, 63.2533, 30.1911



49.5677, 63.2533, 122.2815



80.9427, 63.2533, 75.1400

Complementary

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



52.8754, 63.2533, 30.1911



31.5750, 26.4996, 68.4203

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.



76.6547, 63.2533, 106.3322



52.8754, 63.2533, 30.1911



58.0200, 63.2533, 137.9431

Square

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



52.8754, 63.2533, 30.1911



44.3939, 63.2533, 92.8616



67.9986, 63.2533, 131.4253



79.1810, 63.2533, 49.4168

Rectangle

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



52.8754, 63.2533, 30.1911



43.7429, 63.2533, 54.6414



67.9986, 63.2533, 131.4253



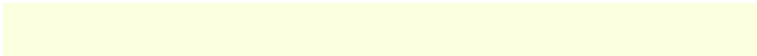
80.1472, 63.2533, 85.3811

Sweetspot

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



52.8770, 63.2561, 30.1924



88.7198, 97.2612, 84.9030



41.9640, 35.5465, 25.4191



18.8526, 20.7583, 17.6653



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.



52.8770, 63.2561, 30.1924



74.3249, 90.9150, 35.6767



42.9081, 58.1170, 29.7259



13.2674, 14.4141, 13.2436



25.9224, 34.9398, 5.3778



1.6172, 2.1351, 0.3269

Inverse Universe

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



31.5750, 26.4996, 68.4203



39.3887, 30.5905, 98.4363



40.3876, 31.0427, 68.8327



11.9270, 12.1038, 15.6452



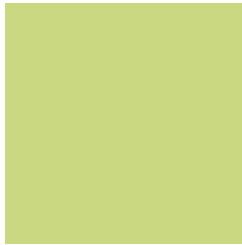
7.8018, 3.1745, 38.6547



0.5298, 0.2220, 2.3342

Previews

White Background



This preview shows how the XYZ color 52.8754, 63.2533, 30.1911 looks on a white background.

Color Contrast Check

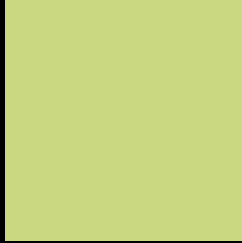
Large Text (above 18pt) WCAG AA × Fail

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 52.8754, 63.2533, 30.1911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

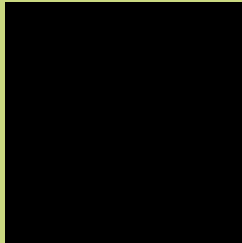
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8754, 63.2533, 30.1911

Background



This preview shows how black text looks on a background with the XYZ color 52.8754, 63.2533, 30.1911.



This preview shows how white text looks on a background with the XYZ color 52.8754, 63.2533,

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

52.8754, 63.2533, 30.1911

Protanopia

58.0003, 62.9490, 28.8321

Deuteranopia

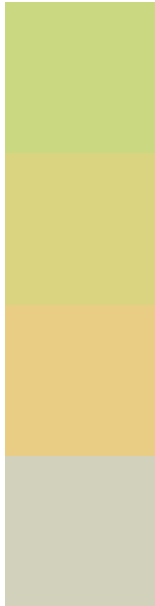
64.4407, 63.0495, 30.9637



Tritanopia

62.3230, 63.0292, 77.2877

Trichromacy



Original Color

52.8754, 63.2533, 30.1911

Protanomaly

56.0385, 63.0263, 29.2904

Deuteranomaly

59.6005, 62.6522, 30.7816

Tritanomaly

58.1721, 62.7871, 56.6301

Monochromacy



Original Color

52.8754, 63.2533, 30.1911

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.4078, 60.2773, 49.3245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8754, 63.2533, 30.1911 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(202, 216, 129)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 129)  
}
```

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(202, 216, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 129) }
```

Border

The CSS property to change the border of an element to XYZ 52.8754, 63.2533, 30.1911 is called "border". The border property can be set on classes, ids or directly on the HTML element.

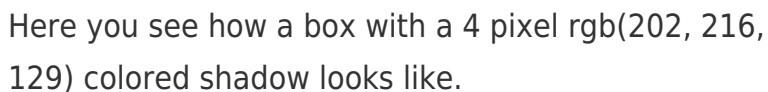
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 216, 129) }
```


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

```
.border{ border-color:rgb(202, 216, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 216, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 216, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 216, 129); box-shadow:4px 4px 4px 4px rgb(202, 216, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8754, 63.2533, 30.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 129) }
```

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

```
.background{ background-color: rgb(202,  
216, 129) }
```

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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