

Converting Colors

XYZ(52.7019, 63.2579, 28.8179)

Have a look what the booklet for
XYZ(52.7019, 63.2579, 28.8179)
contains.

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Color

**XYZ(52.6147, 63.1490,
28.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD87D
RGB	202, 216, 125
RGB Percent	79%, 85%, 49%
CMY	0.2078, 0.1529, 0.5098
CMYK	0.06, 0.00, 0.42, 0.15
HSL	69°, 54%, 67%
HSV	69°, 42%, 85%
XYZ	52.6147, 63.1490, 28.8179
YIQ	201.4400, 20.8670, -31.2690

Conversions

Conversions Part 2

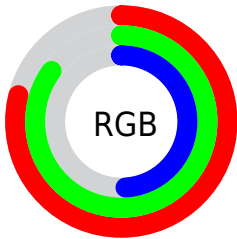
Format	Color
RYB	125, 216, 139
Decimal	13293693
CIELab	83.52, -18.42, 43.18
CIElCh	84, 46.945, 113.109
Yxy	63.1490, 0.3639, 0.4368
Android (android.graphics.Color)	4291483773 (0xFFCAD87D)
YUV	201.4400, -37.6849, 0.4911
Hunter-Lab	79.4663, -20.8812, 34.1253

Details

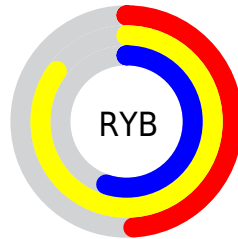
The XYZ color **52.6147, 63.1490, 28.8179** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.3781, 25.1157, 68.2162**, and the grayscale version is **56.0096, 58.9265, 64.1710**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **25.8350, 32.0951, 11.3119** is the 20% darker color. If you saturate the color by 10%, you get **50.4929, 62.1997, 22.2825**, and if you desaturate by 10%, it is **55.0591, 64.2340, 36.9372**.

Distribution



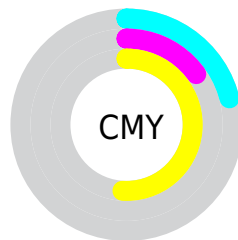
- Red (79%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6147, 63.1490, 28.8179 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 52.6147, 63.1490, 28.8179 by changing the saturation by 10% instead.

■ 52.6147, 63.1490,
28.8179

■ 52.6147, 63.1490,
28.8179

387.0902,
436.1100, 310.3888

■ 37.7215, 45.9618,
18.6987

■ 93.2060, 109.3844,
58.8264

■ 25.9429, 32.2156,
11.2782

■ 119.6349,
139.2014, 79.5527

■ 16.9134, 21.5263,
6.1377

■ 150.6397,
173.9971, 104.6519

■ 10.2677, 13.5092,
2.8589

186.5858,
214.1559, 134.5424

■ 5.6404, 7.7801,
1.0230

227.8385,
260.0622, 169.6428

■ 2.6662, 3.9546,
0.0000

274.7633,

■ 0.9798, 1.6482,

312.1004, 210.3717

0.0000

327.7254,
370.6549, 257.1475

■ 0.0000, 0.3898,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6147, 63.1490,
28.8179

■ 52.6147, 63.1490,
28.8179

■ 50.4929, 62.1997,
22.2825

■ 55.0591, 64.2340,
36.9372

■ 48.6693, 61.3697,
17.2235


■ 57.8394, 65.4534,
46.7306


■ 47.1233, 60.6529,
13.5264


■ 60.9738, 66.8167,
58.2863


■ 45.8295, 60.0392,
11.0582


■ 64.4777, 68.3302,
71.6851


 44.7575, 59.5164,
9.6592


 68.3657, 69.9995,
87.0027

 44.0292, 59.1527,
9.0970

 72.6515, 71.8303,
104.3109

 73.7430, 72.3856,
104.6929

 74.7912, 72.9260,
104.7419

 75.8597, 73.4768,
104.7919

Harmonies

Analogous

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



62.4168, 63.1490, 26.5712



52.6147, 63.1490, 28.8179



45.6004, 63.1490, 40.1401

Triad

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



52.6147, 63.1490, 28.8179



48.9522, 63.1490, 124.4903



81.7867, 63.1490, 75.7546

Complementary

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



52.6147, 63.1490, 28.8179



30.3781, 25.1157, 68.2162

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.



77.2008, 63.1490, 108.5048



52.6147, 63.1490, 28.8179



57.6878, 63.1490, 141.3813

Square

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



52.6147, 63.1490, 28.8179



43.6600, 63.1490, 93.3715



68.0921, 63.1490, 134.8225



80.0311, 63.1490, 48.9023

Rectangle

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



52.6147, 63.1490, 28.8179



43.0714, 63.1490, 53.6300



68.0921, 63.1490, 134.8225



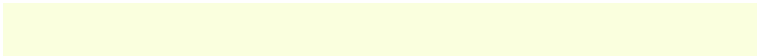
80.9199, 63.1490, 86.4941

Sweetspot

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



52.6162, 63.1518, 28.8192



88.3126, 97.0911, 83.0878



41.2048, 34.4454, 23.8798



18.6776, 20.6839, 16.9455



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.



52.6162, 63.1518, 28.8192



73.7146, 90.6591, 32.9991



42.1352, 57.7486, 28.3287



13.2764, 14.4187, 13.2441



26.1336, 35.0487, 5.3877



1.6281, 2.1407, 0.3274

Inverse Universe

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



30.3781, 25.1157, 68.2162



37.0481, 27.8911, 98.0386



39.5335, 29.8354, 68.6446



11.9188, 12.0995, 15.6448



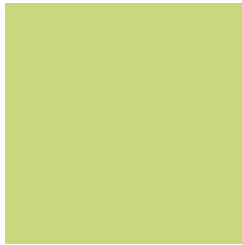
7.7699, 3.1581, 38.6532



0.5260, 0.2200, 2.3341

Previews

White Background



This preview shows how the XYZ color 52.6147, 63.1490, 28.8179 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 52.6147, 63.1490, 28.8179 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 52.6147, 63.1490, 28.8179

Background



This preview shows how black text looks on a background with the XYZ color 52.6147, 63.1490, 28.8179.



This preview shows how white text looks on a background with the XYZ color 52.6147, 63.1490,

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

52.6147, 63.1490, 28.8179

Protanopia

58.0636, 63.0109, 27.5144

Deuteranopia

64.1695, 62.9411, 29.5356



Tritanopia

62.6140, 63.1792, 77.3013

Trichromacy



Original Color

52.6147, 63.1490, 28.8179

Protanomaly

56.0828, 63.0787, 27.9584

Deuteranomaly

59.3319, 62.5448, 29.3673

Tritanomaly

58.2417, 62.8477, 55.5155

Monochromacy



Original Color

52.6147, 63.1490, 28.8179

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.7015, 59.5773, 48.2043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6147, 63.1490, 28.8179 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 125) }
```

Border

The CSS property to change the border of an element to XYZ 52.6147, 63.1490, 28.8179 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, 125) }
```


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

```
.border{ border-color:rgb(202, 216, 125) }
```

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, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 125);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6147, 63.1490, 28.8179 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, 125) }
```

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

```
.background{ background-color: rgb(202,  
216, 125) }
```

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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