

Converting Colors

XYZ(52.2563, 57.5247, 27.4180)

Have a look what the booklet for
XYZ(52.2563, 57.5247, 27.4180)
contains.

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Color

**XYZ(52.2563, 57.5247,
27.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C97C
RGB	214, 201, 124
RGB Percent	84%, 79%, 49%
CMY	0.1608, 0.2117, 0.5137
CMYK	0.00, 0.06, 0.42, 0.16
HSL	51°, 52%, 66%
HSV	51°, 42%, 84%
XYZ	52.2563, 57.5247, 27.4180
YIQ	196.1090, 32.4650, -21.1910

Conversions

Conversions Part 2

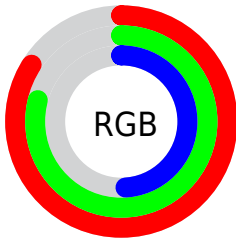
Format	Color
RYB	139, 214, 124
Decimal	14076284
CIELab	80.47, -6.23, 40.04
CIELCh	80, 40.520, 98.839
Yxy	57.5247, 0.3809, 0.4193
Android (android.graphics.Color)	4292266364 (0xFFD6C97C)
YUV	196.1090, -35.5497, 15.6904
Hunter-Lab	75.8450, -9.7445, 31.6582

Details

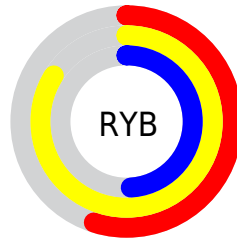
The XYZ color **52.2563, 57.5247, 27.4180** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3953, 27.0306, 67.2863**, and the grayscale version is **52.7290, 55.4750, 60.4123**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **25.7369, 28.6176, 10.4706** is the 20% darker color. If you saturate the color by 10%, you get **50.3346, 55.6171, 20.8098**, and if you desaturate by 10%, it is **54.4890, 59.5840, 35.5800**.

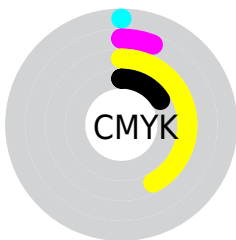
Distribution



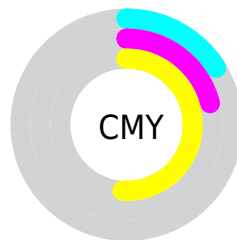
- Red (84%)
- Green (79%)
- Blue (49%)



- Red (55%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (42%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2563, 57.5247, 27.4180 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 52.2563, 57.5247, 27.4180 by changing the saturation by 10% instead.

■ 52.2563, 57.5247,
27.4180

■ 52.2563, 57.5247,
27.4180

385.7330,
415.4125, 303.4993

■ 37.4345, 41.4267,
17.6522

■ 92.6811, 101.2304,
56.5658

■ 25.7193, 28.6526,
10.5337

■ 119.0148,
129.6068, 76.7848

■ 16.7453, 18.8182,
5.6440

■ 149.9166,
162.8448, 101.3253

■ 10.1473, 11.5390,
2.5646

185.7517,
201.3288, 130.6059

■ 5.5597, 6.4306,
0.8741

226.8855,
245.4432, 165.0450

■ 2.6174, 3.1086,
0.0000

273.6835,

■ 0.9548, 1.1887,

295.5724, 205.0613

0.0000

326.5108,
352.1007, 251.0732

■ 0.0000, 0.0525,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.2563, 57.5247,
27.4180

■ 52.2563, 57.5247,
27.4180

■ 50.3346, 55.6171,
20.8098

■ 54.4890, 59.5840,
35.5800

■ 48.7005, 53.8456,
15.6509


■ 57.0460, 61.7943,
45.3843


■ 47.3337, 52.2038,
11.8292


■ 59.9450, 64.1648,
56.9170


■ 46.2095, 50.6820,
9.2150


■ 63.2010, 66.7017,
70.2570


 45.2984, 49.2679,
7.6526


 66.8282, 69.4108,
85.4784

 44.6860, 48.2051,
6.9493

 70.8398, 72.2975,
102.6512

 72.0716, 74.0962,
105.1112

 72.9029, 75.7589,
105.3883

 73.7493, 77.4518,
105.6704

Harmonies

Analogous

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



60.6507, 57.5247, 28.9105



52.2563, 57.5247, 27.4180



45.2522, 57.5247, 33.3178

Triad

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



52.2563, 57.5247, 27.4180



43.1471, 57.5247, 95.9496



70.9762, 57.5247, 80.6547

Complementary

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



52.2563, 57.5247, 27.4180



29.3953, 27.0306, 67.2863

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.



65.3239, 57.5247, 105.4820



52.2563, 57.5247, 27.4180



49.1063, 57.5247, 115.7539

Square

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



52.2563, 57.5247, 27.4180



40.3541, 57.5247, 69.9343



57.1682, 57.5247, 119.6262



72.0381, 57.5247, 55.8614

Rectangle

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



52.2563, 57.5247, 27.4180



42.1074, 57.5247, 41.8090



57.1682, 57.5247, 119.6262



69.5244, 57.5247, 89.4316

Sweetspot

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



52.2577, 57.5274, 27.4192



88.6568, 95.0300, 82.6718



39.4909, 30.5326, 27.6681



18.7635, 20.1689, 16.8416



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.



52.2577, 57.5274, 27.4192



75.2694, 83.1373, 32.3299



47.0946, 59.5545, 28.0826



13.3129, 14.2000, 13.1999



27.0689, 29.2551, 4.2201



1.6754, 1.8500, 0.2688

Inverse Universe

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



29.3953, 27.0306, 67.2863



37.1419, 32.3002, 98.8847



32.9595, 26.2892, 66.9554



11.8858, 12.2951, 15.6843



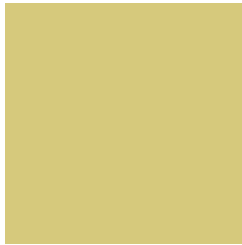
7.6770, 3.6157, 38.7464



0.5104, 0.3129, 2.3528

Previews

White Background



This preview shows how the XYZ color 52.2563, 57.5247, 27.4180 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 52.2563, 57.5247, 27.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

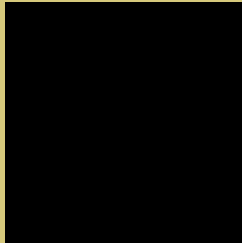
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2563, 57.5247, 27.4180

Background



This preview shows how black text looks on a background with the XYZ color 52.2563, 57.5247, 27.4180.



This preview shows how white text looks on a background with the XYZ color 52.2563, 57.5247,

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

52.2563, 57.5247, 27.4180

Protanopia

53.2058, 57.6692, 27.3958

Deuteranopia

58.6723, 57.4687, 27.7389



Tritanopia

60.2028, 57.4058, 66.2999

Trichromacy



Original Color

52.2563, 57.5247, 27.4180

Protanomaly

52.9076, 57.5155, 27.3819

Deuteranomaly

56.1718, 57.4998, 27.5400

Tritanomaly

56.8668, 57.3804, 49.1526

Monochromacy



Original Color

52.2563, 57.5247, 27.4180

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0784, 55.9870, 46.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2563, 57.5247, 27.4180 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(214, 201, 124)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 124)  
}
```

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(214, 201, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 124) }
```

Border

The CSS property to change the border of an element to XYZ 52.2563, 57.5247, 27.4180 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(214, 201, 124) }
```


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

```
.border{ border-color:rgb(214, 201, 124) }
```

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

Here you see how a box with a 4 pixel rgb(214, 201, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 124);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2563, 57.5247, 27.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 124) }
```

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

```
.background{ background-color: rgb(214,  
201, 124) }
```

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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