

Converting Colors

XYZ(50.1913, 53.3638, 28.3454)

Have a look what the booklet for
XYZ(50.1913, 53.3638, 28.3454)
contains.

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Color

**XYZ(50.2527, 53.4304,
28.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C081
RGB	213, 192, 129
RGB Percent	84%, 75%, 51%
CMY	0.1647, 0.2470, 0.4941
CMYK	0.00, 0.10, 0.39, 0.16
HSL	45°, 50%, 67%
HSV	45°, 39%, 84%
XYZ	50.2527, 53.4304, 28.4334
YIQ	191.0970, 32.7390, -15.1410

Conversions

Conversions Part 2

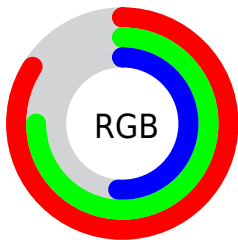
Format	Color
RYB	157, 213, 129
Decimal	14008449
CIELab	78.13, -1.42, 34.45
CIELCh	78, 34.484, 92.360
Yxy	53.4304, 0.3804, 0.4044
Android (android.graphics.Color)	4292198529 (0xFFD5C081)
YUV	191.0970, -30.6138, 19.2089
Hunter-Lab	73.0961, -5.2016, 28.1043

Details

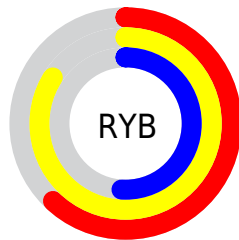
The XYZ color **50.2527, 53.4304, 28.4334** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9696, 31.2830, 67.3041**, and the grayscale version is **49.7374, 52.3276, 56.9848**.

A 20% lighter version of the original color is **83.3546, 91.8137, 58.1283**, and **24.5485, 26.1978, 11.1600** is the 20% darker color. If you saturate the color by 10%, you get **47.8344, 50.6283, 21.3555**, and if you desaturate by 10%, it is **53.0111, 56.4401, 37.0819**.

Distribution



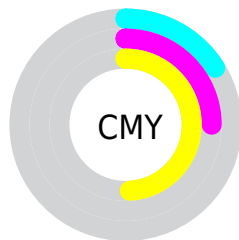
- Red (84%)
- Green (75%)
- Blue (51%)



- Red (62%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2527, 53.4304, 28.4334 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 50.2527, 53.4304, 28.4334 by changing the saturation by 10% instead.

■ 50.2527, 53.4304,
28.4334

■ 50.2527, 53.4304,
28.4334

378.0890,
399.9342, 308.5089

■ 35.8328, 38.1465,
18.4107

■ 89.7388, 95.2374,
58.2070

■ 24.4746, 26.0964,
11.0728

■ 115.5357,
122.5293, 78.7951

■ 15.8127, 16.8958,
6.0010

■ 145.8557,
154.5925, 103.7421

■ 9.4817, 10.1602,
2.7769

181.0641,
191.8116, 133.4664

■ 5.1163, 5.5053,
0.9819

221.5262,
234.5710, 168.3868

■ 2.3511, 2.5467,
0.0000

267.6076,

■ 0.8206, 0.8999,

283.2549, 208.9216

0.0000

319.6734,
338.2479, 255.4895

■ 0.0000, 0.0000,
0.0000

■ 50.2527, 53.4304,
28.4334

■ 50.2527, 53.4304,
28.4334

■ 47.8344, 50.6283,
21.3555

■ 53.0111, 56.4401,
37.0819

■ 45.7333, 48.0181,
15.7473

■ 56.1229, 59.6576,
47.3867

■ 43.9297, 45.5931,
11.5015


■ 59.6055, 63.0925,
59.4313


■ 42.3998, 43.3431,
8.4947


■ 63.4739, 66.7513,
73.2926


■ 41.1153, 41.2560,
6.5809


■ 67.7423, 70.6406,
89.0427


 40.0289, 39.3122,
5.5128

 72.1323, 74.6495,
105.2148

 39.9703, 39.2055,
5.4608

 73.5852, 77.5553,
105.6991

 75.0833, 80.5515,
106.1984

 76.6269, 83.6388,
106.7130

Harmonies

Analogous

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



57.0311, 53.4304, 31.1203



50.2527, 53.4304, 28.4334



44.1639, 53.4304, 32.1373

Triad

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



50.2527, 53.4304, 28.4334



40.6126, 53.4304, 80.3684



63.1404, 53.4304, 77.1323

Complementary

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



50.2527, 53.4304, 28.4334



31.9696, 31.2830, 67.3041

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.



58.0347, 53.4304, 95.4607



50.2527, 53.4304, 28.4334



45.0106, 53.4304, 97.6007

Square

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



50.2527, 53.4304, 28.4334



38.9138, 53.4304, 59.7169



51.3190, 53.4304, 103.6526



64.8516, 53.4304, 56.6630

Rectangle

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



50.2527, 53.4304, 28.4334



41.2050, 53.4304, 38.3408



51.3190, 53.4304, 103.6526



61.7432, 53.4304, 83.8900

Sweetspot

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



50.2540, 53.4329, 28.4345



88.1173, 93.4004, 84.1896



40.7963, 32.0493, 32.8907



18.7102, 19.8442, 17.4963



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.



50.2540, 53.4329, 28.4345



72.5610, 76.8880, 33.9936



49.4952, 60.3801, 29.8154



13.1978, 13.9698, 13.1615



24.5004, 24.1179, 3.3639



1.5415, 1.5822, 0.2241

Inverse Universe

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



31.9696, 31.2830, 67.3041



41.5400, 39.3317, 100.0101



32.4387, 26.9893, 66.4506



11.9923, 12.5080, 15.7197



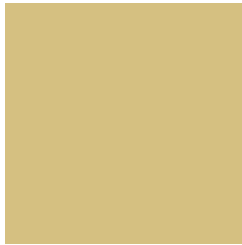
8.1895, 4.6408, 38.9173



0.5603, 0.4126, 2.3694

Previews

White Background



This preview shows how the XYZ color 50.2527, 53.4304, 28.4334 looks on a white background.

Color Contrast Check

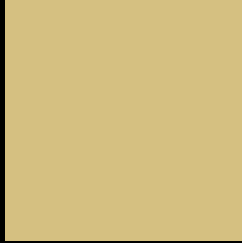
Large Text (above 18pt) WCAG AA × Fail

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 50.2527, 53.4304, 28.4334 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 50.2527, 53.4304, 28.4334

Background



This preview shows how black text looks on a background with the XYZ color 50.2527, 53.4304, 28.4334.



This preview shows how white text looks on a background with the XYZ color 50.2527, 53.4304,

28.4334.

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

50.2527, 53.4304, 28.4334

Protanopia

49.6108, 53.4265, 28.4665

Deuteranopia

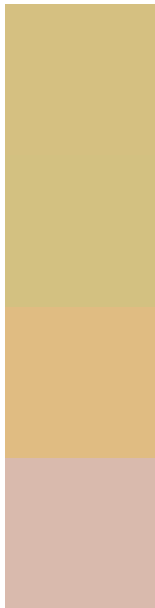
54.4007, 53.3255, 28.8984



Tritanopia

56.6417, 53.1598, 60.7016

Trichromacy



Original Color

50.2527, 53.4304, 28.4334

Protanomaly

49.8964, 53.5738, 28.4798

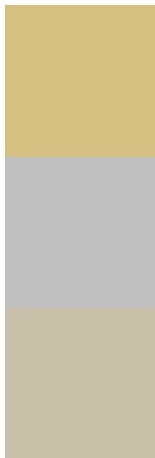
Deuteranomaly

52.7530, 53.4254, 28.6509

Tritanomaly

53.7170, 52.8867, 46.9121

Monochromacy



Original Color

50.2527, 53.4304, 28.4334

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.2519, 52.2309, 44.5315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2527, 53.4304, 28.4334 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(213, 192, 129)` looks like.

```
.text, #text, p{  
    color:rgb(213, 192, 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(213, 192, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 192, 129) }
```

Border

The CSS property to change the border of an element to XYZ 50.2527, 53.4304, 28.4334 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(213, 192, 129) }
```


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

```
.border{ border-color:rgb(213, 192, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 192, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 192, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 192, 129);  
box-shadow:4px 4px 4px 4px rgb(213, 192,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2527, 53.4304, 28.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 192, 129) }
```

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

```
.background{ background-color: rgb(213,  
192, 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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