

Converting Colors

XYZ(53.2176, 56.2805, 28.8272)

Have a look what the booklet for
XYZ(53.2176, 56.2805, 28.8272)
contains.

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Color

**XYZ(53.2176, 56.2805,
28.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC481
RGB	220, 196, 129
RGB Percent	86%, 77%, 51%
CMY	0.1373, 0.2314, 0.4941
CMYK	0.00, 0.11, 0.41, 0.14
HSL	44°, 57%, 68%
HSV	44°, 41%, 86%
XYZ	53.2176, 56.2805, 28.8272
YIQ	195.5380, 35.8110, -15.7490

Conversions

Conversions Part 2

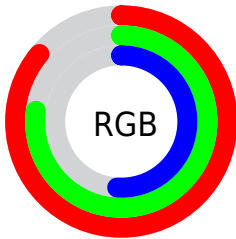
Format	Color
RYB	162, 220, 129
Decimal	14468225
CIELab	79.77, -0.71, 36.70
CIELCh	80, 36.710, 91.107
Yxy	56.2805, 0.3847, 0.4069
Android (android.graphics.Color)	4292658305 (0xFFDCC481)
YUV	195.5380, -32.8032, 21.4532
Hunter-Lab	75.0203, -4.6620, 29.7315

Details

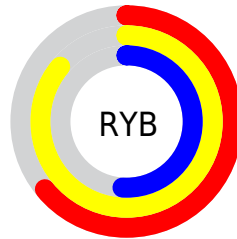
The XYZ color **53.2176, 56.2805, 28.8272** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.3624, 32.6158, 72.2472**, and the grayscale version is **52.3690, 55.0962, 59.9998**.

A 20% lighter version of the original color is **84.5976, 94.2997, 58.5426**, and **26.1524, 27.6826, 11.1726** is the 20% darker color. If you saturate the color by 10%, you get **50.6270, 53.1929, 21.5094**, and if you desaturate by 10%, it is **56.1765, 59.6005, 37.8222**.

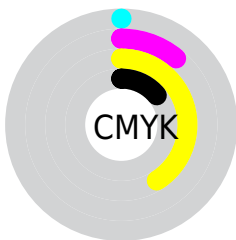
Distribution



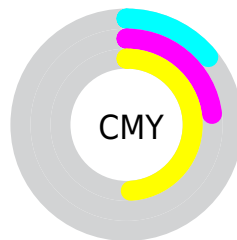
- Red (86%)
- Green (77%)
- Blue (51%)



- Red (64%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2176, 56.2805, 28.8272 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 53.2176, 56.2805, 28.8272 by changing the saturation by 10% instead.

■ 53.2176, 56.2805,
28.8272

■ 53.2176, 56.2805,
28.8272

389.3666,
410.7477, 310.4341

■ 38.2047, 40.4279,
18.7057

■ 94.0881, 99.4146,
58.8413

■ 26.3195, 27.8723,
11.2832

■ 120.6765,
127.4648, 79.5710

■ 17.1968, 18.2294,
6.1411

■ 151.8540,
160.3497, 104.6739

■ 10.4711, 11.1148,
2.8609

187.9860,
198.4536, 134.5684

■ 5.7770, 6.1441,
1.0240

229.4379,
242.1610, 169.6732

■ 2.7493, 2.9329,
0.0000

276.5751,

■ 1.0226, 1.0968,

291.8562, 210.4067

0.0000

329.7629,
347.9237, 257.1875

■ 0.0000, 0.0000,
0.0000

■ 53.2176, 56.2805,
28.8272

■ 53.2176, 56.2805,
28.8272

■ 50.6270, 53.1929,
21.5094

■ 56.1765, 59.6005,
37.8222

■ 48.3795, 50.3206,
15.7577

■ 59.5185, 63.1535,
48.5890

■ 46.4531, 47.6558,
11.4531


■ 63.2629, 66.9501,
61.2193

■ 44.8211, 45.1870,
8.4576


■ 67.4260, 70.9979,
75.7972

■ 43.4517, 42.9005,
6.6067


■ 72.0235, 75.3038,
92.4019

 42.4339, 41.0530,
5.6875

 76.0883, 79.4819,
105.9390

 77.7372, 82.7797,
106.4886

 79.4404, 86.1861,
107.0564

 81.1985, 89.7022,
107.6424

Harmonies

Analogous

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



60.6885, 56.2805, 32.0101



53.2176, 56.2805, 28.8272



46.4537, 56.2805, 32.5251

Triad

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



53.2176, 56.2805, 28.8272



42.1811, 56.2805, 84.9132



66.9852, 56.2805, 83.2241

Complementary

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



53.2176, 56.2805, 28.8272



33.3624, 32.6158, 72.2472

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.



61.2097, 56.2805, 103.3560



53.2176, 56.2805, 28.8272



46.8898, 56.2805, 104.4793

Square

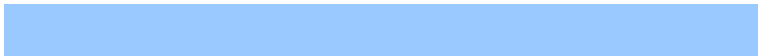
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.2176, 56.2805, 28.8272



40.4559, 56.2805, 62.0732



53.7692, 56.2805, 111.8976



69.0670, 56.2805, 60.4934

Rectangle

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



53.2176, 56.2805, 28.8272



43.1368, 56.2805, 39.0343



53.7692, 56.2805, 111.8976



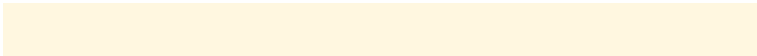
65.3866, 56.2805, 90.6890

Sweetspot

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



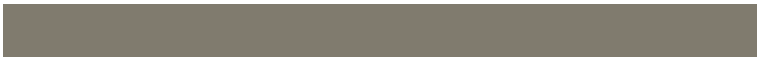
53.2190, 56.2831, 28.8284



87.9887, 93.1431, 84.1467



43.1377, 33.2255, 34.3928



18.6799, 19.7834, 17.4862



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.



53.2190, 56.2831, 28.8284



71.0606, 74.7197, 30.9270



53.0472, 64.8817, 30.4971



13.8566, 14.6526, 13.8235



24.9994, 24.2844, 3.3697



1.6885, 1.7110, 0.2413

Inverse Universe

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



33.3624, 32.6158, 72.2472



39.6427, 37.3019, 99.7183



33.3897, 27.3747, 71.2341



12.6165, 13.1728, 16.5298



8.5478, 4.9650, 40.2462



0.6239, 0.4619, 2.6307

Previews

White Background



This preview shows how the XYZ color 53.2176, 56.2805, 28.8272 looks on a white background.

Color Contrast Check

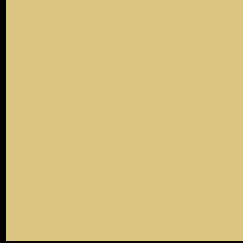
Large Text (above 18pt) WCAG AA × Fail

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 53.2176, 56.2805, 28.8272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

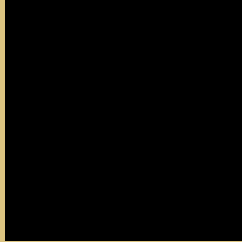
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2176, 56.2805, 28.8272

Background



This preview shows how black text looks on a background with the XYZ color 53.2176, 56.2805, 28.8272.



This preview shows how white text looks on a background with the XYZ color 53.2176, 56.2805,

28.8272.

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

53.2176, 56.2805, 28.8272

Protanopia

52.2477, 56.4469, 29.2607

Deuteranopia

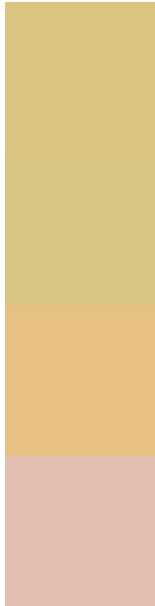
57.4868, 56.1840, 28.9338



Tritanopia

60.4259, 56.2989, 63.5591

Trichromacy



Original Color

53.2176, 56.2805, 28.8272

Protanomaly

52.6108, 56.2959, 29.2124

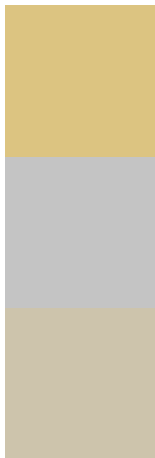
Deuteranomaly

55.8339, 56.2999, 29.0433

Tritanomaly

57.2027, 55.9296, 48.3380

Monochromacy



Original Color

53.2176, 56.2805, 28.8272

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3632, 55.4375, 46.9704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2176, 56.2805, 28.8272 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(220, 196, 129)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 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(220, 196, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 129) }
```

Border

The CSS property to change the border of an element to XYZ 53.2176, 56.2805, 28.8272 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(220, 196, 129) }
```


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

```
.border{ border-color:rgb(220, 196, 129) }
```

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

Here you see how a box with a 4 pixel rgb(220, 196, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 196, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 196, 129);  
box-shadow:4px 4px 4px 4px rgb(220, 196,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2176, 56.2805, 28.8272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 196, 129) }
```

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

```
.background{ background-color: rgb(220,  
196, 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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