

Converting Colors

XYZ(56.2221, 61.1029, 28.6950)

Have a look what the booklet for
XYZ(56.2221, 61.1029, 28.6950)
contains.

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Color

**XYZ(56.0286, 60.8570,
28.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCD7E
RGB	223, 205, 126
RGB Percent	87%, 80%, 49%
CMY	0.1255, 0.1961, 0.5059
CMYK	0.00, 0.08, 0.43, 0.13
HSL	49°, 60%, 68%
HSV	49°, 43%, 87%
XYZ	56.0286, 60.8570, 28.5322
YIQ	201.3760, 36.0870, -20.7530

Conversions

Conversions Part 2

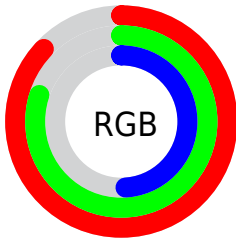
Format	Color
RYB	148, 223, 126
Decimal	14667134
CIELab	82.30, -4.48, 41.50
CIELCh	82, 41.743, 96.157
Yxy	60.8570, 0.3853, 0.4185
Android (android.graphics.Color)	4292857214 (0xFFDFCD7E)
YUV	201.3760, -37.1604, 18.9642
Hunter-Lab	78.0109, -8.3177, 32.9225

Details

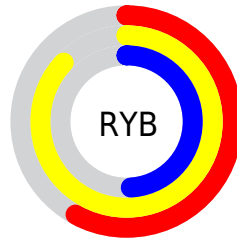
The XYZ color **56.0286, 60.8570, 28.5322** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.8964, 29.7088, 73.8650**, and the grayscale version is **55.9599, 58.8742, 64.1140**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **28.0625, 30.7482, 11.1126** is the 20% darker color. If you saturate the color by 10%, you get **53.7710, 58.3937, 21.4546**, and if you desaturate by 10%, it is **58.6361, 63.5066, 37.3101**.

Distribution



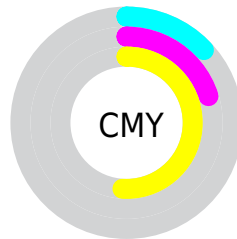
- Red (87%)
- Green (80%)
- Blue (49%)



- Red (58%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0286, 60.8570, 28.5322 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 56.0286, 60.8570, 28.5322 by changing the saturation by 10% instead.

■ 56.0286, 60.8570,
28.5322

■ 56.0286, 60.8570,
28.5322

399.8726,
427.7495, 308.9929

■ 40.4629, 44.1098,
18.4847

■ 98.1860, 106.0719,
58.3663

■ 28.0855, 30.7568,
11.1255

■ 125.5084,
135.3083, 78.9900

■ 18.5309, 20.4137,
6.0361

■ 157.4804,
169.4765, 103.9761

■ 11.4338, 12.6962,
2.7979

194.4675,
208.9611, 133.7433

■ 6.4288, 7.2197,
0.9924

236.8348,
254.1462, 168.7100

■ 3.1507, 3.5998,
0.0000

284.9479,

■ 1.2339, 1.4523,

305.4164, 209.2948

0.0000

339.1720,
363.1560, 255.9163

■ 0.1329, 0.2548,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0286, 60.8570,
28.5322

■ 56.0286, 60.8570,
28.5322

■ 53.7710, 58.3937,
21.4546

■ 58.6361, 63.5066,
37.3101

■ 51.8372, 56.0991,
15.9600


■ 61.6087, 66.3423,
47.8878


■ 50.2041, 53.9661,
11.9221


■ 64.9663, 69.3744,
60.3614


■ 48.8435, 51.9830,
9.1934


■ 68.7258, 72.6101,
74.8191


 47.7215, 50.1359,
7.5956


 72.9030, 76.0559,
91.3438

 47.0839, 48.9931,
6.9750

 76.7299, 79.4051,
105.8904

 77.8937, 81.7328,
106.2783

 79.0850, 84.1154,
106.6754

 80.3040, 86.5534,
107.0817

Harmonies

Analogous

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



65.0322, 60.8570, 30.8120



56.0286, 60.8570, 28.5322



48.3314, 60.8570, 34.0723

Triad

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



56.0286, 60.8570, 28.5322



45.1087, 60.8570, 99.5498



74.9304, 60.8570, 88.0901

Complementary

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



56.0286, 60.8570, 28.5322



31.8964, 29.7088, 73.8650

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.



68.5266, 60.8570, 114.1754



56.0286, 60.8570, 28.5322



51.2037, 60.8570, 121.8897

Square

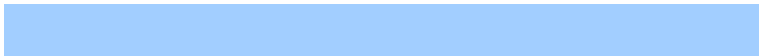
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0286, 60.8570, 28.5322



42.4564, 60.8570, 71.6537



59.6956, 60.8570, 127.8330



76.5587, 60.8570, 61.1495

Rectangle

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



56.0286, 60.8570, 28.5322



44.7741, 60.8570, 42.5651



59.6956, 60.8570, 127.8330



73.2350, 60.8570, 97.4409

Sweetspot

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



56.0301, 60.8598, 28.5335



88.2342, 94.1848, 82.5309



43.0343, 32.6670, 30.9880



18.6582, 19.9583, 16.8065



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.



56.0301, 60.8598, 28.5335



73.1865, 79.4926, 30.0288



52.3762, 65.7377, 29.6676



14.6443, 15.5745, 14.5411



27.7623, 28.9624, 4.1271



1.9810, 2.1210, 0.3050

Inverse Universe

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



31.8964, 29.7088, 73.8650



36.5662, 32.2537, 98.9061



34.3174, 27.2286, 73.2587



13.1567, 13.6526, 17.3295



8.3654, 4.2004, 41.4182



0.6404, 0.4122, 2.8911

Previews

White Background



This preview shows how the XYZ color 56.0286, 60.8570, 28.5322 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 56.0286, 60.8570, 28.5322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

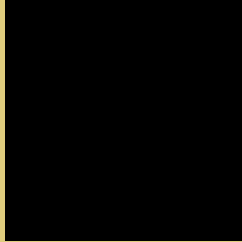
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0286, 60.8570, 28.5322

Background



This preview shows how black text looks on a background with the XYZ color 56.0286, 60.8570, 28.5322.



This preview shows how white text looks on a background with the XYZ color 56.0286, 60.8570,

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

56.0286, 60.8570, 28.5322

Protanopia

56.3377, 61.0163, 28.5467

Deuteranopia

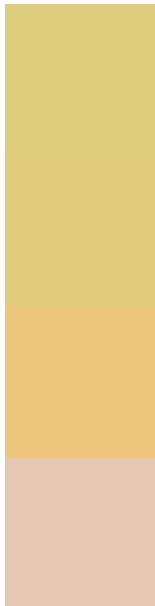
61.9940, 60.8125, 28.8926



Tritanopia

64.4267, 60.8392, 69.3202

Trichromacy



Original Color

56.0286, 60.8570, 28.5322

Protanomaly

56.3377, 61.0163, 28.5467

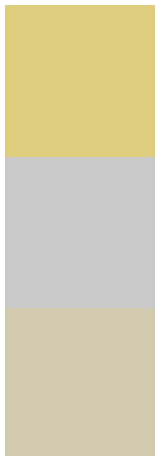
Deuteranomaly

59.5141, 60.5563, 28.6305

Tritanomaly

60.8732, 60.7595, 51.1672

Monochromacy



Original Color

56.0286, 60.8570, 28.5322

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0550, 58.8524, 48.5023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0286, 60.8570, 28.5322 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(223, 205, 126)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 126)  
}
```

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(223, 205, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 126) }
```

Border

The CSS property to change the border of an element to XYZ 56.0286, 60.8570, 28.5322 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(223, 205, 126) }
```


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

```
.border{ border-color:rgb(223, 205, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 205, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 126);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0286, 60.8570, 28.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 126) }
```

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

```
.background{ background-color: rgb(223,  
205, 126) }
```

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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