

Converting Colors

XYZ(56.4219, 63.4023, 37.7394)

Have a look what the booklet for
XYZ(56.4219, 63.4023, 37.7394)
contains.

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Color

**XYZ(56.4089, 63.4030,
37.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D495
RGB	213, 212, 149
RGB Percent	84%, 83%, 58%
CMY	0.1647, 0.1686, 0.4157
CMYK	0.00, 0.00, 0.30, 0.16
HSL	59°, 43%, 71%
HSV	59°, 30%, 84%
XYZ	56.4089, 63.4030, 37.6987
YIQ	205.1170, 20.8190, -19.3810

Conversions

Conversions Part 2

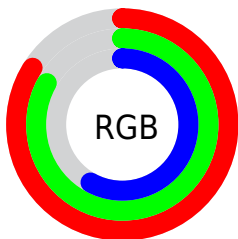
Format	Color
R_{YB}	150, 213, 149
Decimal	14013589
CIE Lab	83.65, -9.36, 31.38
CIE LCh	84, 32.745, 106.607
Yxy	63.4030, 0.3581, 0.4025
Android (android.graphics.Color)	4292203669 (0xFFD5D495)
YUV	205.1170, -27.6657, 6.9134
Hunter-Lab	79.6260, -12.8920, 27.6675

Details

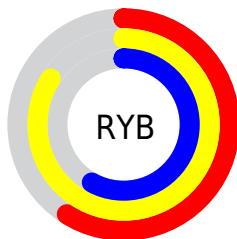
The XYZ color **56.4089, 63.4030, 37.6987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3110, 33.0056, 67.4607**, and the grayscale version is **58.2654, 61.2997, 66.7554**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **28.3361, 32.5037, 16.3356** is the 20% darker color. If you saturate the color by 10%, you get **54.7795, 62.6211, 29.5193**, and if you desaturate by 10%, it is **58.3527, 64.3153, 47.5188**.

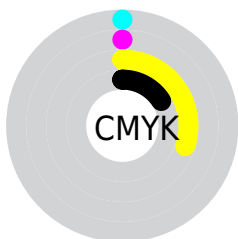
Distribution



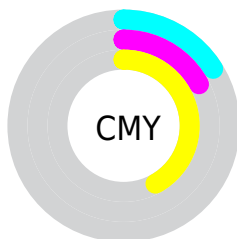
- Red (84%)
- Green (83%)
- Blue (58%)



- Red (59%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4089, 63.4030, 37.6987 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 56.4089, 63.4030, 37.6987 by changing the saturation by 10% instead.


 56.4089, 63.4030,
37.6987


 56.4089, 63.4030,
37.6987


401.2807,
437.0306, 351.5851

 40.7691, 46.1673,
25.4489


 98.7385, 109.7507,
72.8444

 28.3256, 32.3779,
16.1898


 126.1591,
139.6315, 96.5774

 18.7130, 21.6503,
9.5027


158.2373,
174.4962, 124.9751

 11.5658, 13.6002,
4.9693

195.3386,
214.7290, 158.4563

 6.5189, 7.8431,
2.1708

237.8282,
260.7145, 197.4393

 3.2067, 3.9947,
0.6574

286.0715,

 1.2640, 1.6706,

312.8370, 242.3427

0.0000

340.4339,
371.4809, 293.5851

■ 0.1560, 0.4045,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4089, 63.4030,
37.6987

■ 56.4089, 63.4030,
37.6987

■ 54.7795, 62.6211,
29.5193

■ 58.3527, 64.3153,
47.5188

■ 53.4428, 61.9544,
22.8872

■ 60.6218, 65.3559,
59.0582

■ 52.3817, 61.3982,
17.7058

■ 63.2325, 66.5333,
72.3952

■ 51.5755, 60.9442,
13.8661

■ 66.1984, 67.8530,
87.6022

■ 51.0007, 60.5830,
11.2435

■ 69.4516, 69.2880,
104.3212

■ 50.6291, 60.3034,
9.6906

■ 69.5353, 69.4555,
104.3491

■ 50.4105, 60.0859,
8.9408

■ 69.6192, 69.6233,
104.3770

■ 69.7033, 69.7914,
104.4051

■ 69.7875, 69.9599,
104.4331

Harmonies

Analogous

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



63.5116, 63.4030, 37.3172



56.4089, 63.4030, 37.6987



50.7925, 63.4030, 45.3146

Triad

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



56.4089, 63.4030, 37.6987



51.2818, 63.4030, 101.8717



74.6885, 63.4030, 78.5869

Complementary

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



56.4089, 63.4030, 37.6987



35.3110, 33.0056, 67.4607

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.



70.8423, 63.4030, 99.8560



56.4089, 63.4030, 37.6987



57.1265, 63.4030, 114.9902

Square

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



56.4089, 63.4030, 37.6987



47.9970, 63.4030, 80.9416



64.2880, 63.4030, 114.1869



74.4578, 63.4030, 58.3575

Rectangle

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



56.4089, 63.4030, 37.6987



48.4780, 63.4030, 54.5200



64.2880, 63.4030, 114.1869



73.8173, 63.4030, 85.9217

Sweetspot

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



56.4105, 63.4059, 37.7000



91.4589, 98.3816, 90.5503



43.6990, 37.8460, 33.8850



19.4604, 21.0052, 18.7921



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.



56.4105, 63.4059, 37.7000



83.1752, 94.5243, 48.6056



48.5268, 59.7120, 37.4026



13.4555, 14.4853, 13.2475



30.8004, 36.7179, 5.4639



1.8631, 2.2255, 0.3314

Inverse Universe

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



35.3110, 33.0056, 67.4607



46.5832, 41.8036, 100.2215



41.5652, 35.9951, 67.7081



11.7579, 12.0393, 15.6416



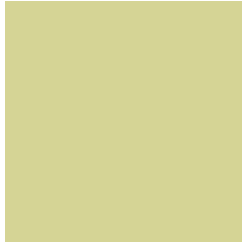
7.3652, 2.9922, 38.6425



0.4498, 0.1916, 2.3326

Previews

White Background



This preview shows how the XYZ color 56.4089, 63.4030, 37.6987 looks on a white background.

Color Contrast Check

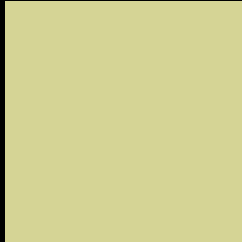
Large Text (above 18pt) WCAG AA × Fail

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 56.4089, 63.4030, 37.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

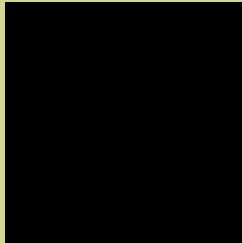
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

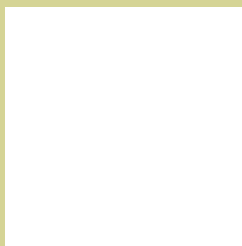
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4089, 63.4030, 37.6987

Background



This preview shows how black text looks on a background with the XYZ color 56.4089, 63.4030, 37.6987.



This preview shows how white text looks on a background with the XYZ color 56.4089, 63.4030,

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

56.4089, 63.4030, 37.6987

Protanopia

58.8737, 63.2259, 36.7046

Deuteranopia

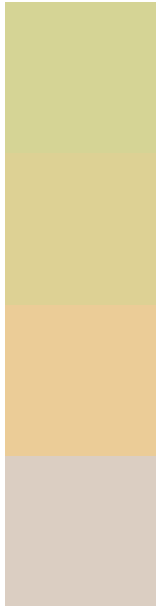
64.6795, 63.3497, 38.5245



Tritanopia

64.2663, 63.3559, 75.8596

Trichromacy



Original Color

56.4089, 63.4030, 37.6987

Protanomaly

57.9646, 63.1112, 37.1436

Deuteranomaly

61.4397, 63.0823, 38.2160

Tritanomaly

61.0223, 63.0977, 60.0018

Monochromacy



Original Color

56.4089, 63.4030, 37.6987

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3253, 62.0244, 54.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4089, 63.4030, 37.6987 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, 212, 149)` looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 149)  
}
```

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, 212, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 149) }
```

Border

The CSS property to change the border of an element to XYZ 56.4089, 63.4030, 37.6987 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, 212, 149) }
```


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

```
.border{ border-color:rgb(213, 212, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 212, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 149);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4089, 63.4030, 37.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 149) }
```

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

```
.background{ background-color: rgb(213,  
212, 149) }
```

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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