

Converting Colors

XYZ(53.9856, 56.0842, 25.4328)

Have a look what the booklet for
XYZ(53.9856, 56.0842, 25.4328)
contains.

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Color

**XYZ(53.9856, 56.0842,
25.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C277
RGB	226, 194, 119
RGB Percent	89%, 76%, 47%
CMY	0.1137, 0.2392, 0.5333
CMYK	0.00, 0.14, 0.47, 0.11
HSL	42°, 65%, 68%
HSV	42°, 47%, 89%
XYZ	53.9856, 56.0842, 25.4328
YIQ	195.0180, 43.1470, -16.5410

Conversions

Conversions Part 2

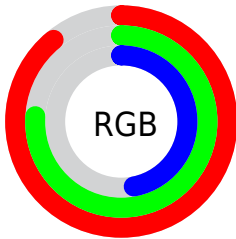
Format	Color
RYB	165, 226, 119
Decimal	14860919
CIELab	79.66, 1.74, 41.76
CIElCh	80, 41.800, 87.609
Yxy	56.0842, 0.3984, 0.4139
Android (android.graphics.Color)	4293050999 (0xFFE2C277)
YUV	195.0180, -37.4769, 27.1712
Hunter-Lab	74.8894, -2.3809, 32.2874

Details

The XYZ color **53.9856, 56.0842, 25.4328** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.4015, 31.5451, 76.3324**, and the grayscale version is **52.0820, 54.7943, 59.6710**.

A 20% lighter version of the original color is **82.8720, 92.6098, 52.5374**, and **26.9612, 27.9144, 9.5972** is the 20% darker color. If you saturate the color by 10%, you get **51.3169, 52.6667, 18.6247**, and if you desaturate by 10%, it is **57.0482, 59.7729, 33.9655**.

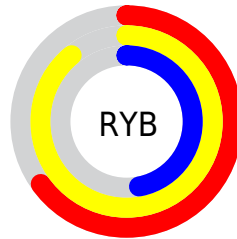
Distribution



Red (89%)

Green (76%)

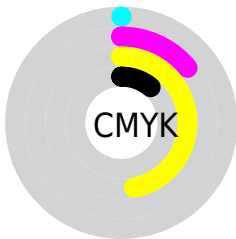
Blue (47%)



Red (65%)

Yellow (89%)

Blue (47%)

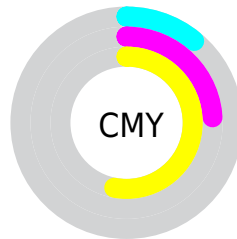


Cyan (0%)

Magenta (14%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (24%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9856, 56.0842, 25.4328 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 53.9856, 56.0842, 25.4328 by changing the saturation by 10% instead.

■ 53.9856, 56.0842,
25.4328

■ 53.9856, 56.0842,
25.4328

392.2543,
410.0087, 293.5029

■ 38.8208, 40.2704,
16.1779

■ 95.2101, 99.1277,
53.3313

■ 26.8004, 27.7495,
9.4944

■ 122.0005,
127.1262, 72.8119

■ 17.5592, 18.1369,
4.9638

■ 153.3968,
159.9550, 96.5382

■ 10.7318, 11.0483,
2.1677

189.7644,
197.9987, 124.9286

■ 5.9527, 6.0993,
0.6556

231.4686,
241.6415, 158.4017

■ 2.8567, 2.9056,
0.0000

278.8747,

■ 1.0785, 1.0826,

291.2678, 197.3761

0.0000

332.3482,
347.2621, 242.2703

■ 0.0070, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9856, 56.0842,
25.4328

■ 53.9856, 56.0842,
25.4328

■ 51.3169, 52.6667,
18.6247

■ 57.0482, 59.7729,
33.9655

■ 49.0138, 49.5013,
13.4151


■ 60.5224, 63.7351,
44.3301


■ 47.0504, 46.5784,
9.6661


■ 64.4297, 67.9827,
56.6290

■ 45.3949, 43.8836,
7.2146


■ 68.7887, 72.5245,
70.9562


 44.0053, 41.3988,
5.8438


 73.6167, 77.3689,
87.3993

 43.6630, 40.7667,
5.5675

 78.9303, 82.5238,
106.0410

 80.9612, 86.4831,
107.0335

 83.0023, 90.5653,
107.7139

 85.1184, 94.7976,
108.4193

Harmonies

Analogous

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



62.4709, 56.0842, 29.6529



53.9856, 56.0842, 25.4328



46.1409, 56.0842, 28.4722

Triad

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



53.9856, 56.0842, 25.4328



40.1927, 56.0842, 85.2085



68.2007, 56.0842, 89.4671

Complementary

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



53.9856, 56.0842, 25.4328



32.4015, 31.5451, 76.3324

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.



61.1777, 56.0842, 112.1388



53.9856, 56.0842, 25.4328



45.0850, 56.0842, 109.2589

Square

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



53.9856, 56.0842, 25.4328



38.6942, 56.0842, 59.1495



52.6328, 56.0842, 120.1914



71.1996, 56.0842, 63.0238

Rectangle

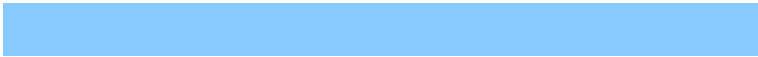
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9856, 56.0842, 25.4328



42.2073, 56.0842, 34.8083



52.6328, 56.0842, 120.1914



66.1982, 56.0842, 98.0204

Sweetspot

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



53.9870, 56.0868, 25.4339



86.5143, 91.2875, 80.2855



43.5553, 31.6006, 33.1254



18.2591, 19.2668, 16.3445



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.



53.9870, 56.0868, 25.4339



67.4636, 69.2344, 24.4600



55.5929, 68.6469, 27.7736



14.5077, 15.3013, 14.4956



25.0182, 23.4742, 3.2124



1.8112, 1.7813, 0.2484

Inverse Universe

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



32.4015, 31.5451, 76.3324



35.8465, 33.3318, 99.1521



31.2076, 24.2956, 74.9961



13.2845, 13.9081, 17.3720



9.0870, 5.6436, 41.6587



0.7065, 0.5445, 2.9131

Previews

White Background



This preview shows how the XYZ color 53.9856, 56.0842, 25.4328 looks on a white background.

Color Contrast Check

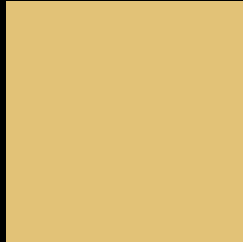
Large Text (above 18pt) WCAG AA × Fail

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 53.9856, 56.0842, 25.4328 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 53.9856, 56.0842, 25.4328

Background



This preview shows how black text looks on a background with the XYZ color 53.9856, 56.0842, 25.4328.



This preview shows how white text looks on a background with the XYZ color 53.9856, 56.0842,

25.4328.

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

53.9856, 56.0842, 25.4328

Protanopia

51.9032, 56.3432, 25.9090

Deuteranopia

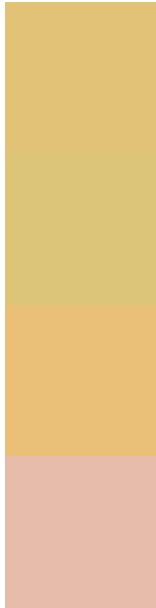
57.1844, 56.1020, 25.5841



Tritanopia

61.3810, 55.8969, 61.5869

Trichromacy



Original Color

53.9856, 56.0842, 25.4328

Protanomaly

52.8716, 56.5042, 25.8891

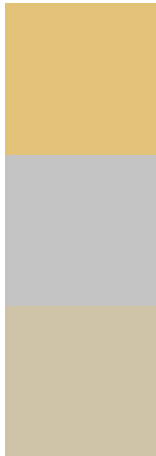
Deuteranomaly

55.9527, 56.1101, 25.6506

Tritanomaly

58.1939, 55.8576, 45.7447

Monochromacy



Original Color

53.9856, 56.0842, 25.4328

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9438, 54.9420, 44.4264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9856, 56.0842, 25.4328 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(226, 194, 119)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 119)  
}
```

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(226, 194, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 119) }
```

Border

The CSS property to change the border of an element to XYZ 53.9856, 56.0842, 25.4328 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(226, 194, 119) }
```


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

```
.border{ border-color:rgb(226, 194, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 194, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 194, 119); box-shadow:4px 4px 4px 4px rgb(226, 194, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9856, 56.0842, 25.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 119) }
```

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

```
.background{ background-color: rgb(226,  
194, 119) }
```

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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