

Converting Colors

XYZ(56.4277, 58.7282, 39.3330)

Have a look what the booklet for
XYZ(56.4277, 58.7282, 39.3330)
contains.

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Color

**XYZ(56.4640, 58.7430,
39.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC79B
RGB	222, 199, 155
RGB Percent	87%, 78%, 61%
CMY	0.1294, 0.2196, 0.3921
CMYK	0.00, 0.10, 0.30, 0.13
HSL	39°, 50%, 74%
HSV	39°, 30%, 87%
XYZ	56.4640, 58.7430, 39.3729
YIQ	200.8610, 27.8320, -8.8080

Conversions

Conversions Part 2

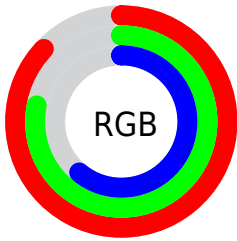
Format	Color
RYB	190, 222, 155
Decimal	14600091
CIELab	81.15, 1.57, 25.01
CIELCh	81, 25.062, 86.407
Yxy	58.7430, 0.3653, 0.3800
Android (android.graphics.Color)	4292790171 (0xFFDEC79B)
YUV	200.8610, -22.6095, 18.5389
Hunter-Lab	76.6440, -2.6251, 23.1928

Details

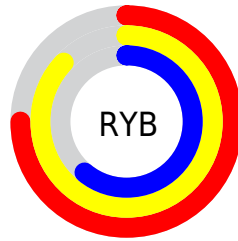
The XYZ color **56.4640, 58.7430, 39.3729** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6224, 44.0820, 75.3696**, and the grayscale version is **55.5561, 58.4493, 63.6513**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **28.2995, 29.3371, 17.0030** is the 20% darker color. If you saturate the color by 10%, you get **53.0594, 54.6480, 29.8701**, and if you desaturate by 10%, it is **60.3022, 63.1561, 50.7126**.

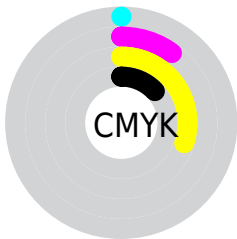
Distribution



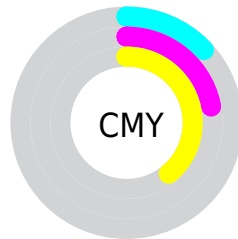
- Red (87%)
- Green (78%)
- Blue (61%)



- Red (75%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4640, 58.7430, 39.3729 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 56.4640, 58.7430, 39.3729 by changing the saturation by 10% instead.

■ 56.4640, 58.7430,
39.3729

■ 56.4640, 58.7430,
39.3729

401.4845,
419.9488, 358.9465

■ 40.8135, 42.4063,
26.7399

■ 98.8186, 103.0040,
75.4342

■ 28.3604, 29.4195,
17.1473

■ 126.2533,
131.6972, 99.6997

■ 18.7394, 19.3984,
10.1765

158.3469,
165.2778, 128.6796

■ 11.5850, 11.9585,
5.4090

195.4647,
204.1305, 162.7927

■ 6.5319, 6.7154,
2.4263

237.9720,
248.6396, 202.4573

■ 3.2149, 3.2848,
0.8007

286.2341,

■ 1.2684, 1.2822,

299.1894, 248.0922

0.0000

340.6165,
356.1643, 300.1157

■ 0.1594, 0.1273,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4640, 58.7430,
39.3729

■ 56.4640, 58.7430,
39.3729

■ 53.0594, 54.6480,
29.8701

■ 60.3022, 63.1561,
50.7126

■ 50.0638, 50.8529,
22.1011

■ 64.5882, 67.8886,
63.9774

■ 47.4567, 47.3496,
15.9581

■ 69.3407, 72.9522,
79.2543

■ 45.2140, 44.1262,
11.3197

■ 74.5763, 78.3553,
96.6238

■ 43.3079, 41.1696,
8.0470

■ 78.4879, 83.3770,
106.5644

■ 41.7059, 38.4643,
5.9753

■ 80.7424, 87.8858,
107.3158

■ 40.3735, 36.0281,
4.8262

■ 83.0917, 92.5844,
108.0989

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



61.5658, 58.7430, 42.9023



56.4640, 58.7430, 39.3729



51.4925, 58.7430, 41.5385

Triad

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



56.4640, 58.7430, 39.3729



47.3273, 58.7430, 77.5988



64.6074, 58.7430, 81.1976

Complementary

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



56.4640, 58.7430, 39.3729



42.6224, 44.0820, 75.3696

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.



60.4118, 58.7430, 93.2760



56.4640, 58.7430, 39.3729



50.4685, 58.7430, 90.9815

Square

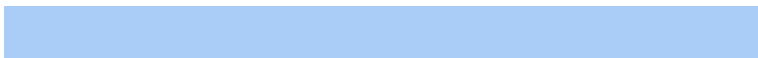
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.4640, 58.7430, 39.3729



46.4140, 58.7430, 62.1789



55.2076, 58.7430, 97.1073



66.4482, 58.7430, 65.7771

Rectangle

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



56.4640, 58.7430, 39.3729



48.8830, 58.7430, 46.1366



55.2076, 58.7430, 97.1073



63.4134, 58.7430, 85.8706

Sweetspot

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



56.4655, 58.7457, 39.3741



89.1111, 93.6860, 89.7677



49.9271, 42.2054, 47.8724



18.8786, 19.8418, 18.5982



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.



56.4655, 58.7457, 39.3741



74.3885, 76.9509, 45.6767



59.1749, 68.5989, 41.1332



14.4550, 15.1960, 14.4780



24.0882, 21.6144, 2.9024



1.7520, 1.6628, 0.2286

Inverse Universe

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



42.6224, 44.0820, 75.3696



52.6447, 53.9265, 102.2419



40.4342, 36.7221, 74.0643



13.3347, 14.0086, 17.3888



9.4678, 6.4051, 41.7857



0.7376, 0.6066, 2.9235

Previews

White Background



This preview shows how the XYZ color 56.4640, 58.7430, 39.3729 looks on a white background.

Color Contrast Check

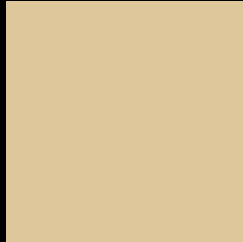
Large Text (above 18pt) WCAG AA × Fail

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 56.4640, 58.7430, 39.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

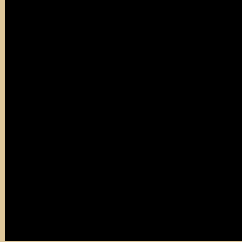
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4640, 58.7430, 39.3729

Background



This preview shows how black text looks on a background with the XYZ color 56.4640, 58.7430, 39.3729.



This preview shows how white text looks on a background with the XYZ color 56.4640, 58.7430,

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

56.4640, 58.7430, 39.3729

Protanopia

54.9117, 58.6207, 39.8733

Deuteranopia

59.6628, 58.3731, 39.5751



Tritanopia

62.1070, 58.6982, 67.0880

Trichromacy



Original Color

56.4640, 58.7430, 39.3729

Protanomaly

55.5685, 58.6143, 39.8374

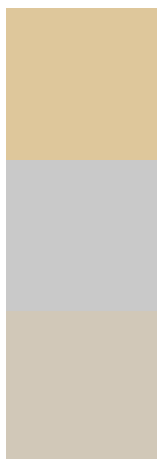
Deuteranomaly

58.4709, 58.4194, 39.6468

Tritanomaly

59.9562, 58.8298, 55.7722

Monochromacy



Original Color

56.4640, 58.7430, 39.3729

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6005, 58.3246, 53.6747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4640, 58.7430, 39.3729 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(222, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 155)  
}
```

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(222, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 155) }
```

Border

The CSS property to change the border of an element to XYZ 56.4640, 58.7430, 39.3729 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(222, 199, 155) }
```


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

```
.border{ border-color:rgb(222, 199, 155) }
```

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

Here you see how a box with a 4 pixel rgb(222, 199, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(222, 199,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4640, 58.7430, 39.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 155) }
```

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

```
.background{ background-color: rgb(222,  
199, 155) }
```

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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