

Converting Colors

XYZ(56.3464, 55.9360, 39.6870)

Have a look what the booklet for
XYZ(56.3464, 55.9360, 39.6870)
contains.

XYZ(56.3952, 56.0268, 39.7402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.3952, 56.0268,
39.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BF9D
RGB	227, 191, 157
RGB Percent	89%, 75%, 62%
CMY	0.1098, 0.2510, 0.3843
CMYK	0.00, 0.16, 0.31, 0.11
HSL	29°, 56%, 75%
HSV	29°, 31%, 89%
XYZ	56.3952, 56.0268, 39.7402
YIQ	197.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

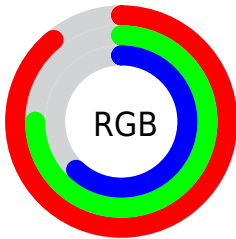
Format	Color
R _Y B	227, 223, 157
Decimal	14925725
CIE Lab	79.63, 7.96, 21.95
CIE LCh	80, 23.346, 70.076
Yxy	56.0268, 0.3706, 0.3682
Android (android.graphics.Color)	4293115805 (0xFFE3BF9D)
YUV	197.8880, -20.1578, 25.5312
Hunter-Lab	74.8511, 3.4983, 20.9173

Details

The XYZ color **56.3952, 56.0268, 39.7402** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8393, 50.8527, 80.0202**, and the grayscale version is **53.7145, 56.5118, 61.5414**.

A 20% lighter version of the original color is **86.3844, 92.5350, 75.5954**, and **28.4846, 27.8755, 17.5149** is the 20% darker color. If you saturate the color by 10%, you get **52.1897, 50.4344, 29.6488**, and if you desaturate by 10%, it is **61.1666, 62.1742, 51.7979**.

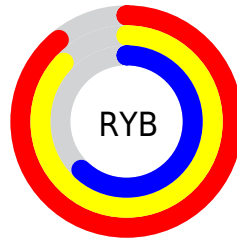
Distribution



Red (89%)

Green (75%)

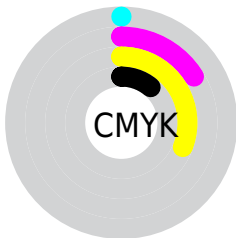
Blue (62%)



Red (89%)

Yellow (87%)

Blue (62%)

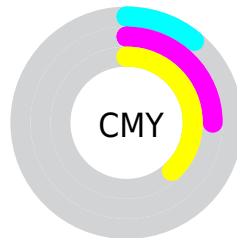


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (11%)



Cyan (11%)


Magenta (25%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3952, 56.0268, 39.7402 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 56.3952, 56.0268, 39.7402 by changing the saturation by 10% instead.


 56.3952, 56.0268,
39.7402


 56.3952, 56.0268,
39.7402


401.2301,
409.7925, 360.5468

 40.7581, 40.2244,
27.0238


 98.7186, 99.0438,
76.0005

 28.3170, 27.7136,
17.3585


 126.1357,
127.0271, 100.3815

 18.7064, 18.1098,
10.3258


158.2101,
159.8396, 129.4877

 11.5611, 11.0289,
5.5071

195.3072,
197.8656, 163.7377

 6.5156, 6.0863,
2.4838

237.7924,
241.4895, 203.5501

 3.2047, 2.8976,
0.8316

286.0311,

 1.2629, 1.0785,

291.0957, 249.3434

0.0000

340.3885,
347.0685, 301.5361

■ 0.1552, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3952, 56.0268,
39.7402

■ 56.3952, 56.0268,
39.7402

■ 52.1897, 50.4344,
29.6488

■ 61.1666, 62.1742,
51.7979

■ 48.5211, 45.3718,
21.4135

■ 66.5226, 68.8854,
65.9169

■ 45.3640, 40.8232,
14.9182

■ 72.4861, 76.1786,
82.1905

■ 42.6889, 36.7686,
10.0325

■ 79.0776, 84.0687,
100.7048

■ 40.4625, 33.1861,
6.6070

■ 83.7188, 91.5311,
107.8626

■ 38.6458, 30.0515,
4.4635

■ 85.4887, 95.0710,
108.4525

■ 37.2840, 27.5416,
3.3510

Harmonies

Analogous

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



60.4800, 56.0268, 45.7950



56.3952, 56.0268, 39.7402



51.6844, 56.0268, 38.8812

Triad

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



56.3952, 56.0268, 39.7402



44.8305, 56.0268, 65.6505



59.2921, 56.0268, 83.0589

Complementary

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



56.3952, 56.0268, 39.7402



46.8393, 50.8527, 80.0202

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.



54.8505, 56.0268, 90.2402



56.3952, 56.0268, 39.7402



46.6238, 56.0268, 79.2540

Square

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



56.3952, 56.0268, 39.7402



45.1900, 56.0268, 52.5920



50.2274, 56.0268, 88.7536



62.2196, 56.0268, 70.2676

Rectangle

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



56.3952, 56.0268, 39.7402



48.8448, 56.0268, 41.2143



50.2274, 56.0268, 88.7536



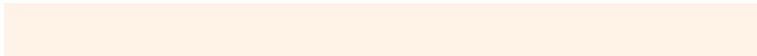
57.9162, 56.0268, 86.2887

Sweetspot

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



56.3967, 56.0294, 39.7414



87.9227, 91.3092, 89.3716



53.3803, 44.3032, 56.2881



18.5857, 19.2558, 18.5005



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.



56.3967, 56.0294, 39.7414



69.8300, 68.1966, 43.0394



64.9158, 73.0677, 42.5811



14.9520, 15.5179, 15.1116



21.8599, 16.2940, 1.9929



1.7081, 1.3895, 0.1782

Inverse Universe

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



46.8393, 50.8527, 80.0202



55.5189, 60.4435, 103.3484



40.0257, 37.2255, 77.7490



14.1927, 15.1067, 18.3122



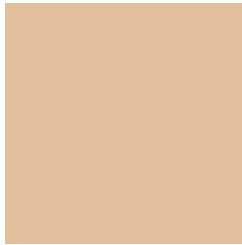
11.8950, 10.8521, 43.8509



0.9719, 0.9878, 3.2714

Previews

White Background



This preview shows how the XYZ color 56.3952, 56.0268, 39.7402 looks on a white background.

Color Contrast Check

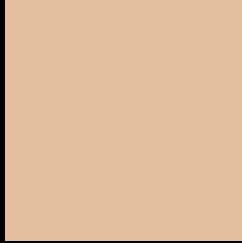
Large Text (above 18pt) WCAG AA × Fail

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 56.3952, 56.0268, 39.7402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

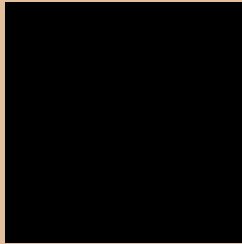
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3952, 56.0268, 39.7402

Background



This preview shows how black text looks on a background with the XYZ color 56.3952, 56.0268, 39.7402.



This preview shows how white text looks on a background with the XYZ color 56.3952, 56.0268,

39.7402.

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

56.3952, 56.0268, 39.7402

Protanopia

52.6059, 56.0259, 41.2992

Deuteranopia

57.1324, 56.0842, 39.7124



Tritanopia

60.9365, 55.9772, 61.6258

Trichromacy



Original Color

56.3952, 56.0268, 39.7402

Protanomaly

54.0920, 56.1323, 40.7846

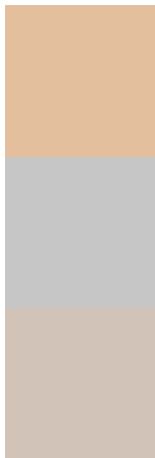
Deuteranomaly

56.8124, 55.9192, 39.6974

Tritanomaly

59.0552, 55.8243, 53.0100

Monochromacy



Original Color

56.3952, 56.0268, 39.7402

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3568, 56.0044, 52.7448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3952, 56.0268, 39.7402 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(227, 191, 157)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 157)  
}
```

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(227, 191, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 157) }
```

Border

The CSS property to change the border of an element to XYZ 56.3952, 56.0268, 39.7402 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(227, 191, 157) }
```


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

```
.border{ border-color:rgb(227, 191, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 191, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 157);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3952, 56.0268, 39.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 191, 157) }
```

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

```
.background{ background-color: rgb(227,  
191, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor