

Converting Colors

XYZ(56.0159, 55.2686, 31.7040)

Have a look what the booklet for
XYZ(56.0159, 55.2686, 31.7040)
contains.

XYZ(56.0638, 55.3860, 31.7804) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(56.0638, 55.3860,
31.7804)**

Conversions

Conversions Part 1	
Format	Color
Hex	E8BD8A
RGB	232, 189, 138
RGB Percent	91%, 74%, 54%
CMY	0.0902, 0.2588, 0.4588
CMYK	0.00, 0.19, 0.41, 0.09
HSL	33°, 67%, 73%
HSV	33°, 41%, 91%
XYZ	56.0638, 55.3860, 31.7804
YIQ	196.0430, 41.9990, -6.7450

Conversions

Conversions Part 2

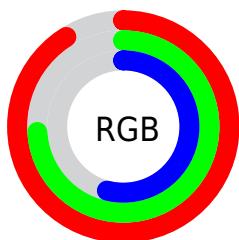
Format	Color
RYB	217, 232, 138
Decimal	15252874
CIELab	79.26, 8.71, 31.58
CIELCh	79, 32.758, 74.583
Yxy	55.3860, 0.3914, 0.3867
Android (android.graphics.Color)	4293442954 (0xFFE8BD8A)
YUV	196.0430, -28.6152, 31.5343
Hunter-Lab	74.4218, 4.2305, 26.7766

Details

The XYZ color **56.0638, 55.3860, 31.7804** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5700, 44.2757, 82.6991**, and the grayscale version is **52.6450, 55.3866, 60.3160**.

A 20% lighter version of the original color is **83.4068, 90.3706, 62.9164**, and **28.2037, 27.4104, 12.8211** is the 20% darker color. If you saturate the color by 10%, you get **52.3608, 50.3871, 23.1259**, and if you desaturate by 10%, it is **60.2954, 60.8677, 42.3823**.

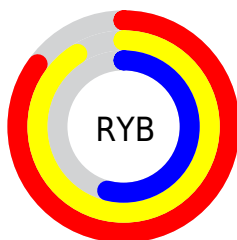
Distribution



Red (91%)

Green (74%)

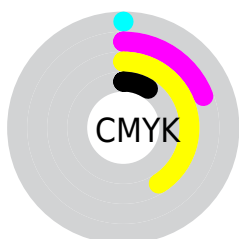
Blue (54%)



Red (85%)

Yellow (91%)

Blue (54%)

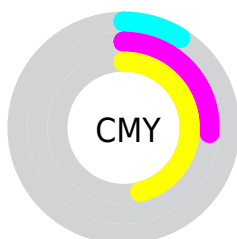


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (9%)



Cyan (9%)

Magenta (26%)


Yellow (46%)


Brightness & Saturation

Gradients

These gradients show how the XYZ color 56.0638, 55.3860, 31.7804 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 56.0638, 55.3860, 31.7804 by changing the saturation by 10% instead.


 56.0638, 55.3860,
31.7804

 56.0638, 55.3860,
31.7804

400.0030,
407.3735, 324.5795


 40.4913, 39.7109,
20.9304


 98.2371, 98.1063,
63.5606

 28.1077, 27.3132,
12.8824


 125.5686,
125.9202, 85.3278

 18.5477, 17.8086,
7.2178


 157.5505,
158.5492, 111.5712

 11.4460, 10.8126,
3.5182

194.5481,
196.3776, 142.7093

 6.4372, 5.9410,
1.3649

236.9268,
239.7898, 179.1607

 3.1558, 2.8092,
0.1141


285.0520,

 1.2367, 1.0330,


289.1703, 221.3438


0.0000


339.2889,
344.9033, 269.6772


 0.1351, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 56.0638, 55.3860,
31.7804


 56.0638, 55.3860,
31.7804


 52.3608, 50.3871,
23.1259


 60.2954, 60.8677,
42.3823


 49.1557, 45.8468,
16.2927


 65.0758, 66.8397,
55.0400

 46.4204, 41.7501,
11.1453


 70.4293, 73.3190,
69.8579


 44.1217, 38.0777,
7.5273


 76.3771, 80.3193,
86.9322

 42.2205, 34.8076,
5.2524

 82.9394, 87.8537,
106.3535

 40.7249, 32.0482,
4.0395

 86.3515, 94.4213,
108.2817

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



62.1360, 55.3860, 38.3581



56.0638, 55.3860, 31.7804



49.5338, 55.3860, 31.6917

Triad

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



56.0638, 55.3860, 31.7804



41.3665, 55.3860, 69.8547



61.9911, 55.3860, 89.8297

Complementary

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



56.0638, 55.3860, 31.7804



41.5700, 44.2757, 82.6991

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.



55.8791, 55.3860, 102.4012



56.0638, 55.3860, 31.7804



44.1692, 55.3860, 89.3456

Square

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



56.0638, 55.3860, 31.7804



41.4070, 55.3860, 51.2128



49.3637, 55.3860, 102.2077



65.7467, 55.3860, 70.4164

Rectangle

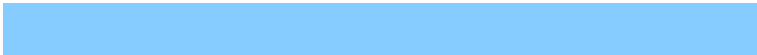
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0638, 55.3860, 31.7804



45.8104, 55.3860, 35.2093



49.3637, 55.3860, 102.2077



60.1227, 55.3860, 95.1590

Sweetspot

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



56.0652, 55.3886, 31.7815



86.2053, 89.5764, 83.5522



50.7973, 38.7052, 48.9778



18.2593, 18.9424, 17.3460



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.



56.0652, 55.3886, 31.7815



65.4322, 63.1922, 29.8854



65.7148, 76.1844, 35.2869



15.0217, 15.6573, 15.1349



22.7364, 18.0469, 2.2851



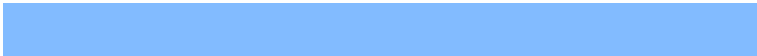
1.7728, 1.5189, 0.1997

Inverse Universe

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



41.5700, 44.2757, 82.6991



45.0766, 47.5958, 101.4189



34.6617, 29.6782, 80.2456



14.1232, 14.9678, 18.2890



11.0767, 9.2156, 43.5781



0.9105, 0.8649, 3.2509

Previews

White Background



This preview shows how the XYZ color 56.0638, 55.3860, 31.7804 looks on a white background.

Color Contrast Check

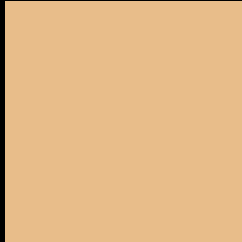
Large Text (above 18pt) WCAG AA × Fail

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 56.0638, 55.3860, 31.7804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

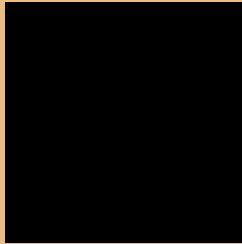
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0638, 55.3860, 31.7804

Background



This preview shows how black text looks on a background with the XYZ color 56.0638, 55.3860, 31.7804.



This preview shows how white text looks on a background with the XYZ color 56.0638, 55.3860,

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

56.0638, 55.3860, 31.7804

Protanopia

51.6990, 55.4000, 33.1677

Deuteranopia

56.5023, 55.2938, 31.7395



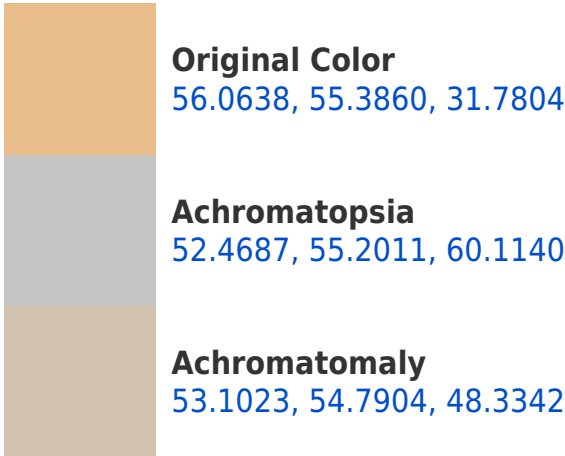
Tritanopia

61.6341, 55.1650, 59.0292

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0638, 55.3860, 31.7804 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(232, 189, 138) looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 138)  
}
```

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(232, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.0638, 55.3860, 31.7804 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(232, 189, 138) }
```


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

```
.border{ border-color:rgb(232, 189, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 189, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 138);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0638, 55.3860, 31.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 138) }
```

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

```
.background{ background-color: rgb(232,  
189, 138) }
```

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