

Converting Colors

XYZ(7.5892, 7.8699, 3.1973)

Have a look what the booklet for
XYZ(7.5892, 7.8699, 3.1973)
contains.

XYZ(7.6388, 7.9360, 3.2270) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 27**

***CSS Examples* 30**

Color

XYZ(7.6388, 7.9360, 3.2270)

Conversions

Conversions Part 1	
Format	Color
Hex	5D4E29
RGB	93, 78, 41
RGB Percent	36%, 31%, 16%
CMY	0.6353, 0.6941, 0.8392
CMYK	0.00, 0.16, 0.56, 0.64
HSL	43°, 39%, 26%
HSV	43°, 56%, 36%
XYZ	7.6388, 7.9360, 3.2270
YIQ	78.2670, 20.8170, -8.3270

Conversions

Conversions Part 2

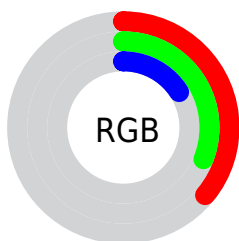
Format	Color
RYB	62, 93, 41
Decimal	6114857
CIELab	33.85, 0.91, 24.05
CIELCh	34, 24.071, 87.842
Yxy	7.9360, 0.4063, 0.4221
Android (android.graphics.Color)	4284304937 (0xFF5D4E29)
YUV	78.2670, -18.3726, 12.9208
Hunter-Lab	28.1709, -0.8972, 12.9279

Details

The XYZ color **7.6388, 7.9360, 3.2270** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.3043, 4.0899, 10.9184**, and the grayscale version is **7.3232, 7.7046, 8.3903**.

A 20% lighter version of the original color is **20.9867, 21.8866, 12.1352**, and **1.6987, 1.7249, 0.2434** is the 20% darker color. If you saturate the color by 10%, you get **7.3087, 7.5055, 2.4088**, and if you desaturate by 10%, it is **8.0155, 8.3981, 4.2503**.

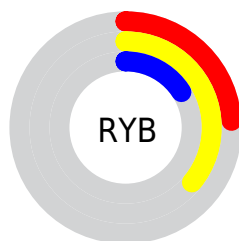
Distribution



Red (36%)

Green (31%)

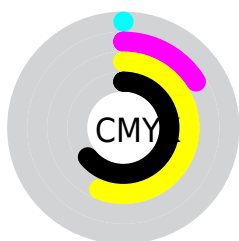
Blue (16%)



Red (24%)

Yellow (36%)

Blue (16%)

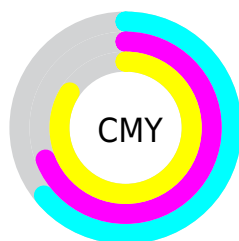


Cyan (0%)

Magenta (16%)

Yellow (56%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.6388, 7.9360, 3.2270 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 7.6388, 7.9360, 3.2270 by changing the saturation by 10% instead.


 7.6388, 7.9360,
3.2270


 7.6388, 7.9360,
3.2270


167.3026,
175.2292, 139.2013


 3.9146, 4.0540,
1.2117

 20.9395, 21.8329,
12.1836

 1.6539, 1.7038,
0.0000


 31.2467, 32.6166,
19.9620

 0.4272, 0.4261,
0.0000

 44.4789, 46.4696,
30.4985

 0.0000, 0.0000,
0.0000

 61.0014, 63.7764,
44.2116

 81.1797, 84.9214,
61.5199

 105.3791,

110.2889, 82.8419

133.9649,
140.2634, 108.5962

7.6388, 7.9360,
3.2270

7.6388, 7.9360,
3.2270

7.3087, 7.5055,
2.4088

8.0155, 8.3981,
4.2503

7.0217, 7.1043,
1.7807

8.4407, 8.8920,
5.4913

6.7749, 6.7312,
1.3264

8.9170, 9.4190,
6.9622

6.5584, 6.3824,
0.9954

9.4466, 9.9802,
8.6740

6.4728, 6.2443,
0.8641

10.0316, 10.5766,
10.6372

■ 10.6738, 11.2090,
12.8616

■ 11.3752, 11.8783,
15.3563

■ 12.1374, 12.5854,
18.1303

■ 12.9621, 13.3310,
21.1919

Harmonies

Analogous

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



8.9743, 7.9360, 3.8368



7.6388, 7.9360, 3.2270



6.4199, 7.9360, 3.6798

Triad

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



7.6388, 7.9360, 3.2270



5.5161, 7.9360, 12.4945



9.8990, 7.9360, 13.1099

Complementary

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



7.6388, 7.9360, 3.2270



4.3043, 4.0899, 10.9184

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.



8.7899, 7.9360, 16.7817



7.6388, 7.9360, 3.2270



6.2725, 7.9360, 16.3597

Square

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



7.6388, 7.9360, 3.2270



5.2827, 7.9360, 8.3704



7.4479, 7.9360, 18.1158



10.3703, 7.9360, 8.9173

Rectangle

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



7.6388, 7.9360, 3.2270



5.8155, 7.9360, 4.6267



7.4479, 7.9360, 18.1158



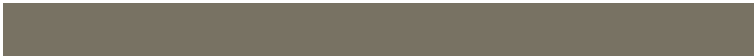
9.5825, 7.9360, 14.4872

Sweetspot

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



7.6390, 7.9364, 3.2272



16.0142, 16.9210, 14.3460



6.0357, 4.2045, 4.3123



3.9868, 4.2128, 3.5043



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7.6390, 7.9364, 3.2272



12.3465, 12.6248, 3.7537



7.8467, 9.8096, 3.5778



2.4502, 2.5854, 2.4962



9.1131, 8.7450, 1.2076



49.1171, 46.3143, 6.3508

Inverse Universe

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



4.3043, 4.0899, 10.9184



6.0003, 5.3176, 18.4318



4.1543, 3.0905, 10.7334



2.2687, 2.3755, 2.9134



3.3019, 2.1311, 14.8894



17.3992, 10.3057, 81.3079

Previews

White Background



This preview shows how the XYZ color 7.6388, 7.9360, 3.2270 looks on a white 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

Black Background



This preview shows how the XYZ color 7.6388, 7.9360, 3.2270 looks on a black 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

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

XYZ 7.6388, 7.9360, 3.2270

Background



This preview shows how black text looks on a background with the XYZ color 7.6388, 7.9360, 3.2270.

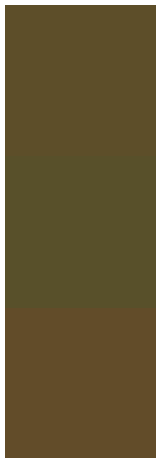


This preview shows how white text looks on a background with the XYZ color 7.6388, 7.9360, 3.2270.

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

7.6388, 7.9360, 3.2270

Protanopia

7.3111, 7.9792, 3.3453

Deuteranopia

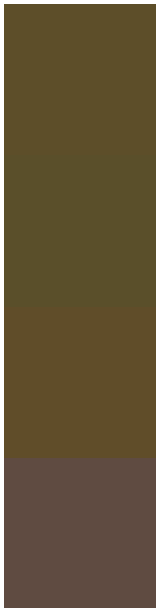
8.0217, 7.9256, 3.2048



Tritanopia

8.6839, 7.9489, 8.4737

Trichromacy



Original Color
7.6388, 7.9360, 3.2270

Protanomaly
7.4303, 7.9328, 3.3300

Deuteranomaly
7.8780, 7.9546, 3.2180

Tritanomaly
8.1895, 7.8467, 6.0840

Monochromacy



Original Color
7.6388, 7.9360, 3.2270

Achromatopsia
7.2414, 7.6185, 8.2966

Achromatomaly
7.2458, 7.6694, 6.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.6388, 7.9360, 3.2270 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(93, 78, 41) looks like.

```
.text, #text, p{  
    color:rgb(93, 78, 41)  
}
```

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(93, 78, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 78, 41) }
```

Border

The CSS property to change the border of an element to XYZ 7.6388, 7.9360, 3.2270 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(93, 78, 41) }
```

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

```
.border{ border-color:rgb(93, 78, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 78, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 78, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 78, 41);  
box-shadow:4px 4px 4px 4px rgb(93, 78, 41)  
}
```


Background

The CSS property to change the background color of an element to XYZ 7.6388, 7.9360, 3.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 78, 41) }
```

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

```
.background{ background-color: rgb(93, 78,  
41) }
```

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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