

Converting Colors

XYZ(38.5462, 28.6931, 15.5633)

Have a look what the booklet for
XYZ(38.5462, 28.6931, 15.5633)
contains.

XYZ(38.5552, 28.7112, 15.5663)	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(38.5552, 28.7112,
15.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7364
RGB	222, 115, 100
RGB Percent	87%, 45%, 39%
CMY	0.1294, 0.5490, 0.6078
CMYK	0.00, 0.48, 0.55, 0.13
HSL	7°, 65%, 63%
HSV	7°, 55%, 87%
XYZ	38.5552, 28.7112, 15.5663
YIQ	145.2830, 68.5870, 18.0190

Conversions

Conversions Part 2

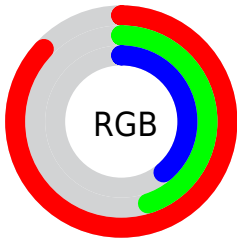
Format	Color
R_{YB}	222, 117, 100
Decimal	14578532
CIE _{Lab}	60.53, 40.27, 27.36
CIE _{LCh}	61, 48.691, 34.193
Yxy	28.7112, 0.4655, 0.3466
Android (android.graphics.Color)	4292768612 (0xFFDE7364)
YUV	145.2830, -22.3245, 67.2808
Hunter-Lab	53.5828, 34.6686, 20.2837

Details

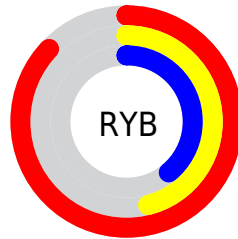
The XYZ color **38.5552, 28.7112, 15.5663** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.7517, 52.6058, 77.1130**, and the grayscale version is **27.0981, 28.5093, 31.0466**.

A 20% lighter version of the original color is **61.0139, 51.8703, 36.0743**, and **17.3204, 11.4934, 4.6737** is the 20% darker color. If you saturate the color by 10%, you get **35.6329, 24.3584, 9.9939**, and if you desaturate by 10%, it is **42.2405, 34.1218, 22.8375**.

Distribution



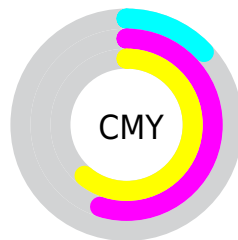
- Red (87%)
- Green (45%)
- Blue (39%)



- Red (87%)
- Yellow (46%)
- Blue (39%)



- Cyan (0%)
- Magenta (48%)
- Yellow (55%)
- Black (13%)





- Cyan (13%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5552, 28.7112, 15.5663 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 38.5552, 28.7112, 15.5663 by changing the saturation by 10% instead.


 38.5552, 28.7112,
15.5663


 38.5552, 28.7112,
15.5663


331.2355,
295.8499, 238.5264


 26.5930, 18.8625,
9.0668


 72.2567, 57.6179,
36.5999


 17.4028, 11.5709,
4.6873


 94.7269, 77.4447,
51.9710

 10.6192, 6.4522,
2.0095


 121.4303,
101.3663, 71.1364

 5.8768, 3.1220,
0.5611

 152.7325,
129.7670, 94.5146

 2.8102, 1.1957,
0.0000

188.9988,
163.0314, 122.5242

 1.0542, 0.0582,
0.0000

230.5944,

 0.0000, 0.0000,

201.5437, 155.5837

0.0000

277.8849,
245.6884, 194.1116

■ 38.5552, 28.7112,
15.5663

■ 38.5552, 28.7112,
15.5663

■ 35.6329, 24.3584,
9.9939

■ 42.2405, 34.1218,
22.8375

■ 33.4173, 20.9895,
5.9805

■ 46.7354, 40.6487,
31.9292

■ 31.8476, 18.5284,
3.3662

■ 52.0855, 48.3513,
42.9536

■ 30.8513, 16.8854,
1.9559

■ 58.3322, 57.2838,
56.0132

■ 30.5231, 16.3275,
1.5428

■ 65.5140, 67.4967,
71.2037

■ 73.6675, 79.0378,
88.6143

■ 82.7626, 91.9266,
107.9893

■ 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



41.2030, 28.7112, 28.7986



38.5552, 28.7112, 15.5663



32.8954, 28.7112, 9.3087

Triad

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



38.5552, 28.7112, 15.5663



17.7913, 28.7112, 18.4856



28.1824, 28.7112, 80.0415

Complementary

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



38.5552, 28.7112, 15.5663



40.7517, 52.6058, 77.1130

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.



22.3590, 28.7112, 73.9179



38.5552, 28.7112, 15.5663



16.9240, 28.7112, 33.8612

Square

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



38.5552, 28.7112, 15.5663



21.0455, 28.7112, 10.4834



18.4640, 28.7112, 55.0246



34.6596, 28.7112, 69.5167

Rectangle

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



38.5552, 28.7112, 15.5663



28.5301, 28.7112, 7.9237



18.4640, 28.7112, 55.0246



26.0846, 28.7112, 79.8826

Sweetspot

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



38.5559, 28.7127, 15.5668



78.7917, 76.9024, 74.4432



46.0378, 29.1866, 62.7311



16.4694, 15.8960, 15.1046



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.



38.5559, 28.7127, 15.5668



48.2477, 32.5425, 12.6911



47.7998, 47.2005, 18.6481



13.8424, 13.9707, 14.2738



18.1733, 9.7845, 0.9308



1.3049, 0.7687, 0.0796

Inverse Universe

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



40.7517, 52.6058, 77.1130



51.4605, 68.2478, 105.0686



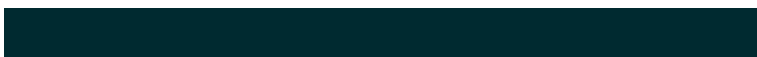
28.8379, 28.7784, 73.1418



13.9652, 15.2695, 17.5989



19.4380, 26.3456, 45.1091



1.3883, 1.9081, 3.1404

Previews

White Background



This preview shows how the XYZ color 38.5552, 28.7112, 15.5663 looks on a white background.

Color Contrast Check

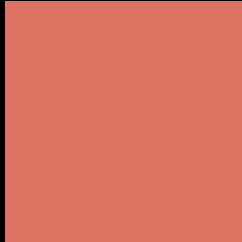
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5552, 28.7112, 15.5663 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 × Fail

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

XYZ 38.5552, 28.7112, 15.5663

Background



This preview shows how black text looks on a background with the XYZ color 38.5552, 28.7112, 15.5663.



This preview shows how white text looks on a background with the XYZ color 38.5552, 28.7112,

15.5663.

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

38.5552, 28.7112, 15.5663

Protanopia

26.9698, 28.8179, 19.7637

Deuteranopia

29.3481, 28.8125, 14.8410



Tritanopia

39.6158, 28.6324, 21.2079

Trichromacy



Original Color

38.5552, 28.7112, 15.5663

Protanomaly

30.1931, 28.1140, 18.0225

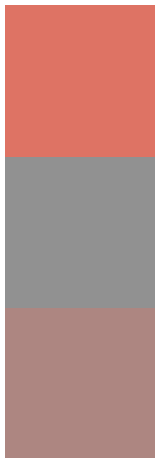
Deuteranomaly

32.2663, 28.4331, 15.0968

Tritanomaly

39.3172, 28.6905, 19.0884

Monochromacy



Original Color

38.5552, 28.7112, 15.5663

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.7211, 27.5194, 24.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5552, 28.7112, 15.5663 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, 115, 100)` looks like.

```
.text, #text, p{  
    color:rgb(222, 115, 100)  
}
```

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, 115, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 115, 100) }
```

Border

The CSS property to change the border of an element to XYZ 38.5552, 28.7112, 15.5663 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, 115, 100) }
```


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

```
.border{ border-color:rgb(222, 115, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 115, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(222, 115,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5552, 28.7112, 15.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 115, 100) }
```

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

```
.background{ background-color: rgb(222,  
115, 100) }
```

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