

Converting Colors

XYZ(15.5865, 12.7337, 7.4006)

Have a look what the booklet for
XYZ(15.5865, 12.7337, 7.4006)
contains.

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Color

**XYZ(15.5093, 12.6900,
7.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5546
RGB	142, 85, 70
RGB Percent	56%, 33%, 27%
CMY	0.4431, 0.6666, 0.7255
CMYK	0.00, 0.40, 0.51, 0.44
HSL	13°, 34%, 42%
HSV	13°, 51%, 56%
XYZ	15.5093, 12.6900, 7.4263
YIQ	100.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

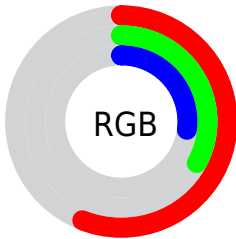
Format	Color
RYB	142, 89, 70
Decimal	9327942
CIELab	42.29, 21.97, 18.79
CIELCh	42, 28.905, 40.544
Yxy	12.6900, 0.4353, 0.3562
Android (android.graphics.Color)	4287518022 (0xFF8E5546)
YUV	100.3330, -14.9542, 36.5420
Hunter-Lab	35.6230, 15.3738, 12.5760

Details

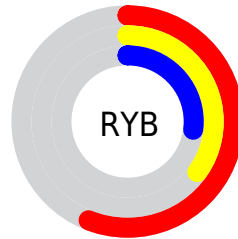
The XYZ color **15.5093, 12.6900, 7.4263** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.9971, 18.4328, 28.3585**, and the grayscale version is **12.2286, 12.8655, 14.0105**.

A 20% lighter version of the original color is **35.2227, 30.6417, 21.1975**, and **4.9365, 3.6003, 1.4120** is the 20% darker color. If you saturate the color by 10%, you get **14.2972, 10.9004, 5.0663**, and if you desaturate by 10%, it is **16.9686, 14.8045, 10.3920**.

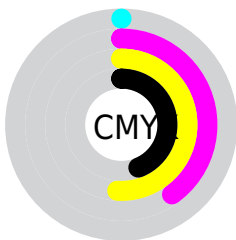
Distribution



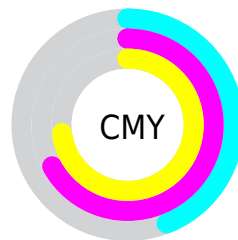
- Red (56%)
- Green (33%)
- Blue (27%)



- Red (56%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (44%)





- Cyan (44%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5093, 12.6900, 7.4263 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 15.5093, 12.6900, 7.4263 by changing the saturation by 10% instead.


 15.5093, 12.6900,
7.4263


 15.5093, 12.6900,
7.4263


219.7563,
208.9213, 180.9235


 9.2662, 7.2154,
3.6476


 35.3086, 30.7457,
21.3531


 4.9737, 3.5972,
1.4341

 49.5955, 44.0957,
32.3384

 2.2665, 1.4509,
0.1681

 67.2944, 60.8395,
46.5629

 0.7774, 0.2538,
0.0000

 88.7707, 81.3617,
64.4452

 0.0000, 0.0000,
0.0000

 114.3896,
106.0465, 86.4039

144.5166,

135.2785, 112.8575

179.5171,
169.4419, 144.2245

■ 15.5093, 12.6900,
7.4263

■ 15.5093, 12.6900,
7.4263

■ 14.2972, 10.9004,
5.0663

■ 16.9686, 14.8045,
10.3920

■ 13.3173, 9.4174,
3.2691

■ 18.6873, 17.2572,
14.0007

■ 12.5539, 8.2241,
1.9871

■ 20.6778, 20.0628,
18.2878

■ 11.9894, 7.3007,
1.1649

■ 22.9514, 23.2345,
23.2856

■ 11.6093, 6.6587,
0.6734

■ 25.5187, 26.7852,
29.0245

■ 28.3898, 30.7267,
35.5332

■ 31.5744, 35.0706,
42.8386

■ 35.0817, 39.8279,
50.9666

■ 38.9204, 45.0091,
59.9416

Harmonies

Analogous

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



16.6341, 12.6900, 11.7485



15.5093, 12.6900, 7.4263



13.5018, 12.6900, 5.3491

Triad

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



15.5093, 12.6900, 7.4263



8.5468, 12.6900, 10.2146



12.8393, 12.6900, 29.1637

Complementary

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



15.5093, 12.6900, 7.4263



14.9971, 18.4328, 28.3585

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.



10.7274, 12.6900, 28.3819



15.5093, 12.6900, 7.4263



8.4145, 12.6900, 16.1156

Square

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



15.5093, 12.6900, 7.4263



9.5529, 12.6900, 6.5936



9.1667, 12.6900, 23.1057



14.9747, 12.6900, 25.0007

Rectangle

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



15.5093, 12.6900, 7.4263



12.0220, 12.6900, 4.9959



9.1667, 12.6900, 23.1057



12.1010, 12.6900, 29.4953

Sweetspot

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



15.5096, 12.6906, 7.4265



38.5623, 38.3133, 36.8419



17.2154, 11.6791, 21.6312



8.4489, 8.3284, 7.8685



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5096, 12.6906, 7.4265



24.9153, 18.7778, 8.3747



19.0254, 19.7223, 8.5985



5.4943, 5.5949, 5.6797



10.4350, 6.0016, 0.6084



0.1131, 0.0840, 0.0102

Inverse Universe

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



14.9971, 18.4328, 28.3585



23.8691, 30.0388, 49.6679



11.2009, 10.8403, 27.0931



5.4662, 5.9281, 6.8849



9.6400, 12.2660, 24.8366



0.1076, 0.1482, 0.2426

Previews

White Background



This preview shows how the XYZ color 15.5093, 12.6900, 7.4263 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 × Fail

Black Background



This preview shows how the XYZ color 15.5093, 12.6900, 7.4263 looks on a black 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

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

XYZ 15.5093, 12.6900, 7.4263

Background



This preview shows how black text looks on a background with the XYZ color 15.5093, 12.6900, 7.4263.



This preview shows how white text looks on a background with the XYZ color 15.5093, 12.6900,

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

15.5093, 12.6900, 7.4263

Protanopia

11.9601, 12.7760, 8.8568

Deuteranopia

12.9720, 12.7762, 7.2512



Tritanopia

16.1064, 12.5788, 10.8116

Trichromacy



Original Color

15.5093, 12.6900, 7.4263

Protanomaly

13.0740, 12.6719, 8.2354

Deuteranomaly

13.8034, 12.6732, 7.3489

Tritanomaly

15.9062, 12.6202, 9.3822

Monochromacy



Original Color

15.5093, 12.6900, 7.4263

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.9656, 12.5505, 11.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5093, 12.6900, 7.4263 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(142, 85, 70)` looks like.

```
.text, #text, p{  
    color:rgb(142, 85, 70)  
}
```

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(142, 85, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 85, 70) }
```

Border

The CSS property to change the border of an element to XYZ 15.5093, 12.6900, 7.4263 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(142, 85, 70) }
```


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

```
.border{ border-color:rgb(142, 85, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 85, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 85, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 85, 70);  
box-shadow:4px 4px 4px 4px rgb(142, 85,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5093, 12.6900, 7.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 85, 70) }
```

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

```
.background{ background-color: rgb(142, 85,  
70) }
```

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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