

Converting Colors

XYZ(15.2342, 11.4238, 17.7092)

Have a look what the booklet for
XYZ(15.2342, 11.4238, 17.7092)
contains.

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Color

**XYZ(15.2641, 11.4511,
17.6254)**

Conversions

Conversions Part 1

Format	Color
Hex	844D73
RGB	132, 77, 115
RGB Percent	52%, 30%, 45%
CMY	0.4824, 0.6980, 0.5490
CMYK	0.00, 0.42, 0.13, 0.48
HSL	319°, 26%, 41%
HSV	319°, 42%, 52%
XYZ	15.2641, 11.4511, 17.6254
YIQ	97.7770, 20.5820, 23.4780

Conversions

Conversions Part 2

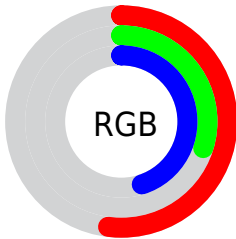
Format	Color
R_{YB}	132, 77, 115
Decimal	8670579
CIE _{Lab}	40.33, 28.98, -11.88
CIE _{LCh}	40, 31.316, 337.709
Yxy	11.4511, 0.3442, 0.2583
Android (android.graphics.Color)	4286860659 (0xFF844D73)
YUV	97.7770, 8.4909, 30.0136
Hunter-Lab	33.8395, 21.2976, -7.1938

Details

The XYZ color **15.2641, 11.4511, 17.6254** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.3327, 18.8888, 13.5337**, and the grayscale version is **11.5304, 12.1309, 13.2105**.

A 20% lighter version of the original color is **34.8141, 28.4079, 40.2076**, and **4.8707, 3.0831, 5.6486** is the 20% darker color. If you saturate the color by 10%, you get **14.2030, 9.6962, 16.1388**, and if you desaturate by 10%, it is **16.5238, 13.5861, 19.2297**.

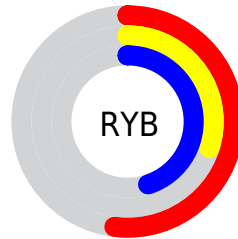
Distribution



Red (52%)

Green (30%)

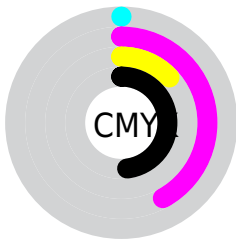
Blue (45%)



Red (52%)

Yellow (30%)

Blue (45%)

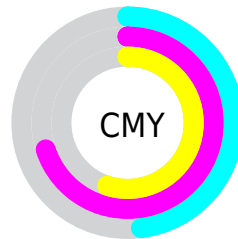


Cyan (0%)

Magenta (42%)

Yellow (13%)

Black (48%)



Cyan (48%)

Magenta (70%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2641, 11.4511, 17.6254 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 15.2641, 11.4511, 17.6254 by changing the saturation by 10% instead.

■ 15.2641, 11.4511,
17.6254

■ 15.2641, 11.4511,
17.6254

218.3160,
200.7368, 250.9159

■ 9.0925, 6.3711,
10.5147

■ 34.8837, 28.4914,
40.2033

■ 4.8591, 3.0720,
5.6315

■ 49.0624, 41.2204,
56.5075

■ 2.1988, 1.1695,
2.5572

■ 66.6408, 57.2680,
76.7134

■ 0.7421, 0.0365,
0.8702

■ 87.9842, 77.0184,
101.2394

■ 0.0000, 0.0000,
0.0000

■ 113.4581,
100.8561, 130.5041

143.4278,

129.1655, 164.9261

178.2587,
162.3309, 204.9238

■ 15.2641, 11.4511,
17.6254

■ 15.2641, 11.4511,
17.6254

■ 14.2030, 9.6962,
16.1388

■ 16.5238, 13.5861,
19.2297

■ 13.3278, 8.2969,
14.7648

■ 17.9915, 16.1206,
20.9551

■ 12.6261, 7.2284,
13.4985

■ 19.6775, 19.0746,
22.8058

■ 12.0835, 6.4620,
12.3346

■ 21.5909, 22.4661,
24.7856

■ 11.6829, 5.9639,
11.2666

■ 23.7403, 26.3122,
26.8978

■ 11.4127, 5.6643,
10.4342

■ 26.1340, 30.6292,
29.1457

■ 28.7796, 35.4323,
31.5327

■ 31.6847, 40.7362,
34.0617

■ 34.8563, 46.5550,
36.7357

Harmonies

Analogous

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



13.6684, 11.4511, 24.6510



15.2641, 11.4511, 17.6254



15.6133, 11.4511, 10.9193

Triad

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



15.2641, 11.4511, 17.6254



10.3287, 11.4511, 3.9286



7.8806, 11.4511, 21.3961

Complementary

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



15.2641, 11.4511, 17.6254



13.3327, 18.8888, 13.5337

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.



7.2213, 11.4511, 14.1573



15.2641, 11.4511, 17.6254



8.5059, 11.4511, 5.1536

Square

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



15.2641, 11.4511, 17.6254



12.5607, 11.4511, 4.3070



7.4338, 11.4511, 8.4302



9.3634, 11.4511, 27.2886

Rectangle

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



15.2641, 11.4511, 17.6254



15.0542, 11.4511, 7.6589



7.4338, 11.4511, 8.4302



7.5651, 11.4511, 18.9594

Sweetspot

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



15.2645, 11.4516, 17.6256



34.4711, 33.2639, 39.9689



11.3843, 9.3277, 23.0304



7.9483, 7.6085, 9.2228



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.2645, 11.4516, 17.6256



25.1121, 17.2324, 28.5666



13.9315, 10.9184, 10.6063



4.7982, 4.7390, 5.5498



11.0527, 5.4854, 10.1157



0.0416, 0.0203, 0.0523

Inverse Universe

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



15.2645, 11.4516, 17.6256



25.1121, 17.2324, 28.5666



14.7634, 19.4611, 21.0678



4.7982, 4.7390, 5.5498



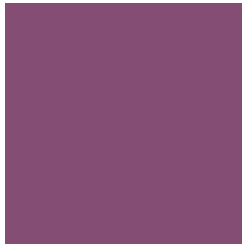
11.0527, 5.4854, 10.1157



0.0416, 0.0203, 0.0523

Previews

White Background



This preview shows how the XYZ color 15.2641, 11.4511, 17.6254 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

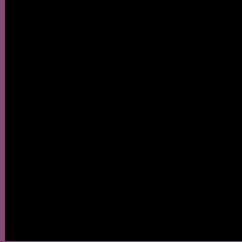
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2641, 11.4511, 17.6254

Background



This preview shows how black text looks on a background with the XYZ color 15.2641, 11.4511, 17.6254.



This preview shows how white text looks on a background with the XYZ color 15.2641, 11.4511,

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

15.2641, 11.4511, 17.6254

Protanopia

11.6712, 11.5161, 21.6864

Deuteranopia

11.7687, 11.5399, 16.9364



Tritanopia

13.8320, 11.4063, 10.7051

Trichromacy



Original Color

15.2641, 11.4511, 17.6254

Protanomaly

12.6584, 11.2931, 20.2515

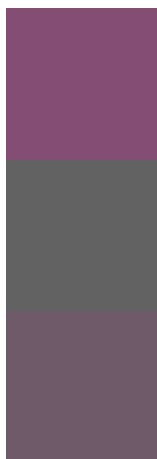
Deuteranomaly

12.8192, 11.3236, 17.1328

Tritanomaly

14.2792, 11.3650, 12.9963

Monochromacy



Original Color

15.2641, 11.4511, 17.6254

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.5853, 11.6268, 14.6776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2641, 11.4511, 17.6254 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(132, 77, 115)` looks like.

```
.text, #text, p{  
    color:rgb(132, 77, 115)  
}
```

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(132, 77, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 77, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.2641, 11.4511, 17.6254 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(132, 77, 115) }
```


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

```
.border{ border-color:rgb(132, 77, 115) }
```

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

Here you see how a box with a 4 pixel rgb(132, 77, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 77, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 77, 115);  
box-shadow:4px 4px 4px 4px rgb(132, 77,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2641, 11.4511, 17.6254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 77, 115) }
```

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

```
.background{ background-color: rgb(132, 77,  
115) }
```

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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