

Converting Colors

XYZ(15.6257, 11.5599, 21.1464)

Have a look what the booklet for
XYZ(15.6257, 11.5599, 21.1464)
contains.

XYZ(15.6257, 11.5599, 21.1464)	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(15.6257, 11.5599,
21.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	824D7E
RGB	130, 77, 126
RGB Percent	51%, 30%, 49%
CMY	0.4902, 0.6980, 0.5059
CMYK	0.00, 0.41, 0.03, 0.49
HSL	305°, 26%, 41%
HSV	305°, 41%, 51%
XYZ	15.6257, 11.5599, 21.1464
YIQ	98.4330, 15.8590, 26.4750

Conversions

Conversions Part 2

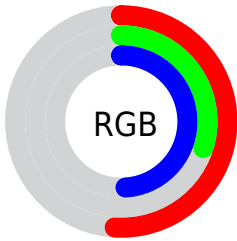
Format	Color
R_{YB}	130, 77, 126
Decimal	8539518
CIE _{Lab}	40.51, 30.34, -18.39
CIE _{LCh}	41, 35.479, 328.772
Yxy	11.5599, 0.3233, 0.2392
Android (android.graphics.Color)	4286729598 (0xFF824D7E)
YUV	98.4330, 13.5905, 27.6843
Hunter-Lab	33.9999, 22.5355, -13.0759

Details

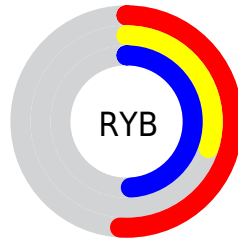
The XYZ color **15.6257, 11.5599, 21.1464** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.5289, 18.1376, 10.6258**, and the grayscale version is **11.6820, 12.2904, 13.3843**.

A 20% lighter version of the original color is **35.4932, 28.6238, 46.3021**, and **5.0283, 3.1266, 7.3597** is the 20% darker color. If you saturate the color by 10%, you get **14.7425, 9.8942, 20.5412**, and if you desaturate by 10%, it is **16.6921, 13.5905, 21.8159**.

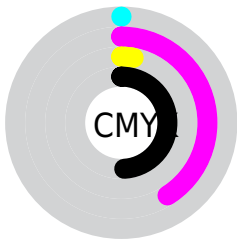
Distribution



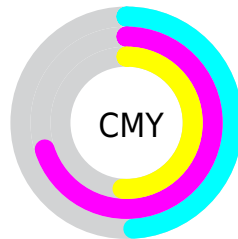
- Red (51%)
- Green (30%)
- Blue (49%)



- Red (51%)
- Yellow (30%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6257, 11.5599, 21.1464 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 15.6257, 11.5599, 21.1464 by changing the saturation by 10% instead.

■ 15.6257, 11.5599,
21.1464

■ 15.6257, 11.5599,
21.1464

220.4369,
201.4695, 270.8621

■ 9.3488, 6.4448,
13.0388

■ 35.5099, 28.6910,
46.2150

■ 5.0283, 3.1174,
7.3242

■ 49.8479, 41.4757,
64.0131

■ 2.2988, 1.1933,
3.5842

■ 67.6038, 57.5857,
85.8784

■ 0.7941, 0.0562,
1.4001

■ 89.1427, 77.4055,
112.2294

■ 0.0000, 0.0000,
0.1418

■ 114.8301,
101.3194, 143.4848

■ 0.0000, 0.0000,
0.0000

145.0314,

129.7117, 180.0630

180.1119,
162.9670, 222.3826

■ 15.6257, 11.5599,
21.1464

■ 15.6257, 11.5599,
21.1464

■ 14.7425, 9.8942,
20.5412

■ 16.6921, 13.5905,
21.8159

■ 14.0305, 8.5700,
19.9961

■ 17.9505, 16.0045,
22.5524

■ 13.4780, 7.5638,
19.5071

■ 19.4106, 18.8209,
23.3593

■ 13.0713, 6.8483,
19.0698

■ 21.0810, 22.0570,
24.2393

■ 12.7945, 6.3917,
18.6788

■ 22.9700, 25.7290,
25.1952

■ 12.6077, 6.1065,
18.3434

■ 25.0852, 29.8526,
26.2297

■ 27.4340, 34.4423,
27.3452

■ 30.0233, 39.5122,
28.5440

■ 32.8600, 45.0757,
29.8283

Harmonies

Analogous

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



13.4642, 11.5599, 28.8966



15.6257, 11.5599, 21.1464



16.5206, 11.5599, 12.8837

Triad

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



15.6257, 11.5599, 21.1464



11.0905, 11.5599, 3.2369



7.2932, 11.5599, 20.4333

Complementary

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



15.6257, 11.5599, 21.1464



12.5289, 18.1376, 10.6258

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.



6.8522, 11.5599, 12.2944



15.6257, 11.5599, 21.1464



8.8345, 11.5599, 3.9716

Square

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



15.6257, 11.5599, 21.1464



13.6693, 11.5599, 4.1098



7.3718, 11.5599, 6.7190



8.6813, 11.5599, 28.3869

Rectangle

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



15.6257, 11.5599, 21.1464



16.1891, 11.5599, 8.6600



7.3718, 11.5599, 6.7190



7.0395, 11.5599, 17.5507

Sweetspot

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



15.6261, 11.5604, 21.1466



33.7729, 32.3520, 40.9150



10.0371, 8.6488, 22.2598



7.5823, 7.2029, 9.2272



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.6261, 11.5604, 21.1466



26.0551, 17.5980, 36.2409



14.1589, 10.9735, 13.4205



4.4846, 4.4070, 5.3564



12.0897, 5.8556, 17.5939



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6261, 11.5604, 21.1466



26.0551, 17.5980, 36.2409



13.6992, 18.6057, 16.7888



4.4846, 4.4070, 5.3564



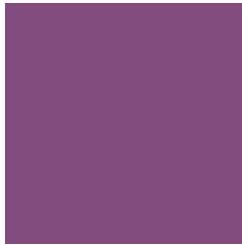
12.0897, 5.8556, 17.5939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6257, 11.5599, 21.1464 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 15.6257, 11.5599, 21.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

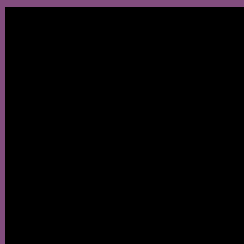
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6257, 11.5599, 21.1464

Background



This preview shows how black text looks on a background with the XYZ color 15.6257, 11.5599, 21.1464.



This preview shows how white text looks on a background with the XYZ color 15.6257, 11.5599,

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

15.6257, 11.5599, 21.1464

Protanopia

12.0562, 11.6188, 26.0333

Deuteranopia

11.8922, 11.6596, 20.3626



Tritanopia

13.6628, 11.5316, 11.4032

Trichromacy



Original Color

15.6257, 11.5599, 21.1464

Protanomaly

12.9384, 11.3533, 24.0637

Deuteranomaly

12.9535, 11.4379, 20.5938

Tritanomaly

14.1935, 11.3964, 14.5483

Monochromacy



Original Color

15.6257, 11.5599, 21.1464

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.7933, 11.7100, 15.7733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6257, 11.5599, 21.1464 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(130, 77, 126)` looks like.

```
.text, #text, p{  
    color:rgb(130, 77, 126)  
}
```

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(130, 77, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 77, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.6257, 11.5599, 21.1464 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(130, 77, 126) }
```


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

```
.border{ border-color:rgb(130, 77, 126) }
```

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

Here you see how a box with a 4 pixel rgb(130, 77, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 77, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 77, 126);  
box-shadow:4px 4px 4px 4px rgb(130, 77,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6257, 11.5599, 21.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 77, 126) }
```

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

```
.background{ background-color: rgb(130, 77,  
126) }
```

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