

Converting Colors

XYZ(15.6527, 11.4891, 27.3903)

Have a look what the booklet for
XYZ(15.6527, 11.4891, 27.3903)
contains.

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Color

**XYZ(15.7084, 11.5695,
27.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4E8F
RGB	122, 78, 143
RGB Percent	48%, 31%, 56%
CMY	0.5216, 0.6941, 0.4392
CMYK	0.15, 0.45, 0.00, 0.44
HSL	281°, 29%, 43%
HSV	281°, 45%, 56%
XYZ	15.7084, 11.5695, 27.3918
YIQ	98.5660, 5.3590, 29.5430

Conversions

Conversions Part 2

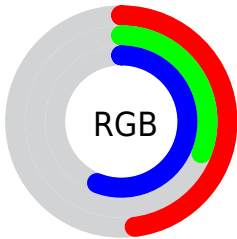
Format	Color
R_{YB}	122, 78, 143
Decimal	8015503
CIE _{Lab}	40.52, 30.75, -28.80
CIE _{LCh}	41, 42.134, 316.878
Yxy	11.5695, 0.2873, 0.2116
Android (android.graphics.Color)	4286205583 (0xFF7A4E8F)
YUV	98.5660, 21.9060, 20.5516
Hunter-Lab	34.0140, 22.9108, -23.9371

Details

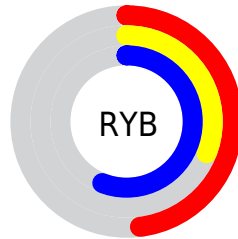
The XYZ color **15.7084, 11.5695, 27.3918** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.3434, 22.8478, 10.7568**, and the grayscale version is **11.6970, 12.3062, 13.4014**.

A 20% lighter version of the original color is **35.7017, 28.6997, 56.4812**, and **5.0203, 3.0923, 10.4575** is the 20% darker color. If you saturate the color by 10%, you get **14.1622, 9.4249, 27.0595**, and if you desaturate by 10%, it is **17.5075, 14.1730, 27.7997**.

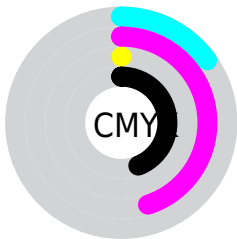
Distribution



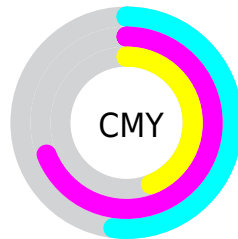
- Red (48%)
- Green (31%)
- Blue (56%)



- Red (48%)
- Yellow (31%)
- Blue (56%)



- Cyan (15%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7084, 11.5695, 27.3918 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 15.7084, 11.5695, 27.3918 by changing the saturation by 10% instead.

■ 15.7084, 11.5695,
27.3918

■ 15.7084, 11.5695,
27.3918

220.9192,
201.5340, 303.3691

■ 9.4076, 6.4513,
17.6327

■ 35.6528, 28.7086,
56.5233

■ 5.0672, 3.1214,
10.5199

■ 50.0270, 41.4982,
76.7327

■ 2.3219, 1.1954,
5.6349

■ 67.8232, 57.6137,
101.2627

■ 0.8058, 0.0580,
2.5592

■ 89.4065, 77.4396,
130.5317

■ 0.0000, 0.0000,
0.8713

■ 115.1425,
101.3602, 164.9583

■ 0.0000, 0.0000,
0.0000

145.3963,

129.7598, 204.9611

180.5334,
163.0230, 250.9585

■ 15.7084, 11.5695,
27.3918

■ 15.7084, 11.5695,
27.3918

■ 14.1622, 9.4249,
27.0595

■ 17.5075, 14.1730,
27.7997

■ 12.8527, 7.7086,
26.7973

■ 19.5718, 17.2604,
28.2868

■ 11.7637, 6.3883,
26.5998

■ 21.9143, 20.8568,
28.8575

■ 10.8762, 5.4268,
26.4610

■ 24.5467, 24.9850,
29.5156

■ 10.1635, 4.7715,
26.3721

■ 27.4799, 29.6663,
30.2646

■ 9.8667, 4.5137,
26.3380

■ 30.7244, 34.9210,
31.1078

■ 34.2901, 40.7682,
32.0485

■ 38.1863, 47.2263,
33.0897

■ 42.4221, 54.3127,
34.2343

Harmonies

Analogous

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



12.7374, 11.5695, 35.5934



15.7084, 11.5695, 27.3918



17.5410, 11.5695, 16.6826

Triad

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



15.7084, 11.5695, 27.3918



12.3432, 11.5695, 2.4444



6.3907, 11.5695, 17.9614

Complementary

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



15.7084, 11.5695, 27.3918



16.3434, 22.8478, 10.7568

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.



6.3235, 11.5695, 9.2400



15.7084, 11.5695, 27.3918



9.4218, 11.5695, 2.5385

Square

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



15.7084, 11.5695, 27.3918



15.3754, 11.5695, 4.0389



7.3358, 11.5695, 4.4041



7.5395, 11.5695, 28.6825

Rectangle

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



15.7084, 11.5695, 27.3918



17.6887, 11.5695, 10.7401



7.3358, 11.5695, 4.4041



6.2492, 11.5695, 14.6570

Sweetspot

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



15.7088, 11.5700, 27.3921



39.7635, 38.1572, 51.8073



12.6254, 12.6538, 27.7638



8.9186, 8.4396, 11.8312



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.7088, 11.5700, 27.3921



25.1821, 16.6357, 48.4218



18.2286, 12.9593, 23.4305



5.4592, 5.4249, 6.7881



8.7464, 4.0025, 23.2887



0.1067, 0.0502, 0.2237

Inverse Universe

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



16.3045, 12.1896, 13.2980



26.6402, 18.0432, 18.8600



14.7608, 21.9833, 12.8802



5.4762, 5.4510, 6.0058



10.4641, 5.3427, 2.8294



0.1093, 0.0548, 0.0758

Previews

White Background



This preview shows how the XYZ color 15.7084, 11.5695, 27.3918 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 15.7084, 11.5695, 27.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

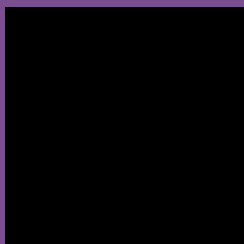
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7084, 11.5695, 27.3918

Background



This preview shows how black text looks on a background with the XYZ color 15.7084, 11.5695, 27.3918.



This preview shows how white text looks on a background with the XYZ color 15.7084, 11.5695,

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

15.7084, 11.5695, 27.3918

Protanopia

12.6870, 11.7793, 33.5032

Deuteranopia

11.9677, 11.6976, 26.4380



Tritanopia

12.7539, 11.6341, 12.6397

Trichromacy



Original Color

15.7084, 11.5695, 27.3918

Protanomaly

13.3737, 11.4201, 31.2052

Deuteranomaly

12.9962, 11.4475, 26.7239

Tritanomaly

13.7003, 11.5408, 17.1283

Monochromacy



Original Color

15.7084, 11.5695, 27.3918

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.8990, 11.8458, 17.8263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7084, 11.5695, 27.3918 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(122, 78, 143)` looks like.

```
.text, #text, p{  
    color:rgb(122, 78, 143)  
}
```

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(122, 78, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 78, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.7084, 11.5695, 27.3918 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(122, 78, 143) }
```


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

```
.border{ border-color:rgb(122, 78, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 78, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 78, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 78, 143);  
box-shadow:4px 4px 4px 4px rgb(122, 78,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7084, 11.5695, 27.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 78, 143) }
```

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

```
.background{ background-color: rgb(122, 78,  
143) }
```

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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