

Converting Colors

XYZ(10.1371, 7.7572, 18.5236)

Have a look what the booklet for
XYZ(10.1371, 7.7572, 18.5236)
contains.

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Color

**XYZ(10.1019, 7.7151,
18.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	604277
RGB	96, 66, 119
RGB Percent	38%, 26%, 47%
CMY	0.6235, 0.7412, 0.5333
CMYK	0.19, 0.45, 0.00, 0.53
HSL	274°, 29%, 36%
HSV	274°, 45%, 47%
XYZ	10.1019, 7.7151, 18.4095
YIQ	81.0120, 0.8670, 22.8430

Conversions

Conversions Part 2

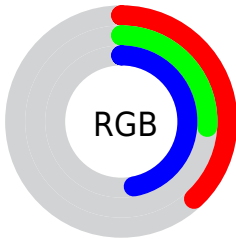
Format	Color
R_{YB}	96, 66, 119
Decimal	6308471
CIE _{Lab}	33.38, 23.99, -25.45
CIE _{LCh}	33, 34.972, 313.305
Yxy	7.7151, 0.2789, 0.2130
Android (android.graphics.Color)	4284498551 (0xFF604277)
YUV	81.0120, 18.7281, 13.1445
Hunter-Lab	27.7761, 16.3107, -19.8531

Details

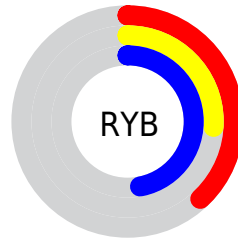
The XYZ color **10.1019, 7.7151, 18.4095** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.7001, 15.7109, 7.5703**, and the grayscale version is **7.7877, 8.1933, 8.9225**.

A 20% lighter version of the original color is **25.6942, 21.4976, 41.3233**, and **2.6113, 1.6444, 5.9741** is the 20% darker color. If you saturate the color by 10%, you get **8.9521, 6.1956, 18.1769**, and if you desaturate by 10%, it is **11.4326, 9.5430, 18.6923**.

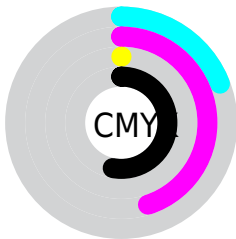
Distribution



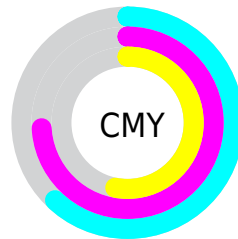
- Red (38%)
- Green (26%)
- Blue (47%)



- Red (38%)
- Yellow (26%)
- Blue (47%)



- Cyan (19%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1019, 7.7151, 18.4095 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 10.1019, 7.7151, 18.4095 by changing the saturation by 10% instead.

10.1019, 7.7151,
18.4095

10.1019, 7.7151,
18.4095

185.4363,
173.4800, 255.4823

5.5294, 3.9132,
11.0719

25.6349, 21.3980,
41.5572

2.5990, 1.6251,
6.0004

37.3261, 32.0478,
58.2044

0.9454, 0.3744,
2.7766

52.1209, 45.7490,
78.7919

0.0000, 0.0000,
0.9817

70.3847, 62.8860,
103.7381

0.0000, 0.0000,
0.0000

92.4827, 83.8432,
133.4618

118.7804,

109.0050, 168.3814

149.6432,
138.7558, 208.9154

■ 10.1019, 7.7151,
18.4095

■ 10.1019, 7.7151,
18.4095

■ 8.9521, 6.1956,
18.1769

■ 11.4326, 9.5430,
18.6923

■ 7.9727, 4.9652,
17.9911

■ 12.9524, 11.6952,
19.0276

■ 7.1533, 4.0036,
17.8486

■ 14.6697, 14.1877,
19.4182

■ 6.4815, 3.2875,
17.7458

■ 16.5925, 17.0351,
19.8665

■ 5.9393, 2.7819,
17.6768

■ 18.7279, 20.2510,
20.3747

■ 5.6694, 2.5380,
17.6440

■ 21.0829, 23.8485,
20.9449

■ 23.6641, 27.8400,
21.5793

■ 26.4779, 32.2371,
22.2797

■ 29.5303, 37.0512,
23.0481

Harmonies

Analogous

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



8.1966, 7.7151, 23.0374



10.1019, 7.7151, 18.4095



11.3685, 7.7151, 11.7390

Triad

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



10.1019, 7.7151, 18.4095



8.4211, 7.7151, 1.8747



4.3480, 7.7151, 11.0149

Complementary

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



10.1019, 7.7151, 18.4095



11.7001, 15.7109, 7.5703

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.



4.3871, 7.7151, 5.7637



10.1019, 7.7151, 18.4095



6.5322, 7.7151, 1.8169

Square

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



10.1019, 7.7151, 18.4095



10.2903, 7.7151, 3.1129



5.1228, 7.7151, 2.8948



5.0046, 7.7151, 17.6884

Rectangle

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



10.1019, 7.7151, 18.4095



11.5657, 7.7151, 7.8178



5.1228, 7.7151, 2.8948



4.2841, 7.7151, 9.0114

Sweetspot

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



10.1022, 7.7154, 18.4097



26.6649, 25.9871, 34.8637



9.2203, 9.7774, 18.8542



6.1753, 5.9473, 8.2292



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.1022, 7.7154, 18.4097



16.0670, 11.1415, 32.5568



12.7289, 9.0877, 17.7133



3.6805, 3.6826, 4.6071



6.0123, 2.6908, 18.7451



28.3023, 12.5989, 91.3004

Inverse Universe

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



11.3593, 8.5398, 10.5008



18.7671, 12.9041, 15.9366



9.9071, 14.7774, 7.9038



3.7438, 3.7248, 4.1777



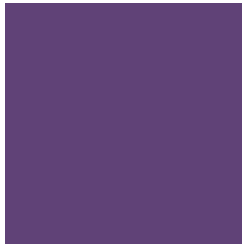
8.7280, 4.4249, 3.7760



42.1188, 21.3977, 16.2211

Previews

White Background



This preview shows how the XYZ color 10.1019, 7.7151, 18.4095 looks on a white background.

Color Contrast Check

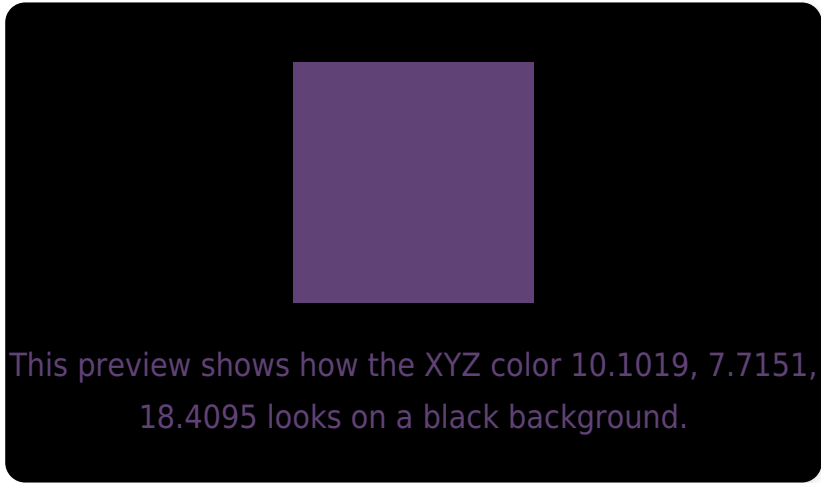
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.1019, 7.7151, 18.4095

Background



This preview shows how black text looks on a background with the XYZ color 10.1019, 7.7151, 18.4095.



This preview shows how white text looks on a background with the XYZ color 10.1019, 7.7151,

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

10.1019, 7.7151, 18.4095

Protanopia

8.3612, 7.7923, 21.8323

Deuteranopia

7.9219, 7.7573, 17.9094



Tritanopia

8.2177, 7.7999, 8.8570

Trichromacy



Original Color

10.1019, 7.7151, 18.4095

Protanomaly

8.7567, 7.6235, 20.4120

Deuteranomaly

8.5428, 7.6614, 18.1681

Tritanomaly

8.7966, 7.7363, 11.8561

Monochromacy



Original Color

10.1019, 7.7151, 18.4095

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.4878, 7.9735, 11.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1019, 7.7151, 18.4095 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(96, 66, 119) looks like.

```
.text, #text, p{  
    color:rgb(96, 66, 119)  
}
```

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(96, 66, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 66, 119) }
```

Border

The CSS property to change the border of an element to XYZ 10.1019, 7.7151, 18.4095 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(96, 66, 119) }
```


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

```
.border{ border-color:rgb(96, 66, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 66, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 66, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 66, 119);  
box-shadow:4px 4px 4px 4px rgb(96, 66,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1019, 7.7151, 18.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 66, 119) }
```

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

```
.background{ background-color: rgb(96, 66,  
119) }
```

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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