

Converting Colors

XYZ(10.1648, 5.7385, 16.4915)

Have a look what the booklet for
XYZ(10.1648, 5.7385, 16.4915)
contains.

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Color

**XYZ(10.1648, 5.7385,
16.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	6F2272
RGB	111, 34, 114
RGB Percent	44%, 13%, 45%
CMY	0.5647, 0.8666, 0.5529
CMYK	0.03, 0.70, 0.00, 0.55
HSL	298°, 54%, 29%
HSV	298°, 70%, 45%
XYZ	10.1648, 5.7385, 16.4915
YIQ	66.1430, 20.2120, 41.2040

Conversions

Conversions Part 2

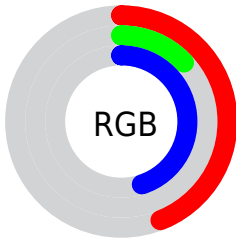
Format	Color
R _Y B	111, 34, 114
Decimal	7283314
CIE Lab	28.74, 44.47, -29.47
CIE LCh	29, 53.351, 326.474
Yxy	5.7385, 0.3138, 0.1771
Android (android.graphics.Color)	4285473394 (0xFF6F2272)
YUV	66.1430, 23.5935, 39.3396
Hunter-Lab	23.9552, 33.8206, -24.0485

Details

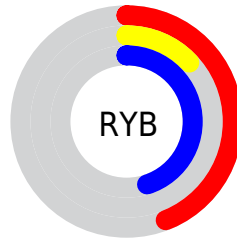
The XYZ color **10.1648, 5.7385, 16.4915** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.0693, 12.5436, 3.5623**, and the grayscale version is **5.1633, 5.4322, 5.9156**.

A 20% lighter version of the original color is **25.7278, 17.4081, 38.0805**, and **2.8176, 1.3423, 5.1116** is the 20% darker color. If you saturate the color by 10%, you get **9.8378, 5.1640, 16.3979**, and if you desaturate by 10%, it is **10.6007, 6.5300, 16.6214**.

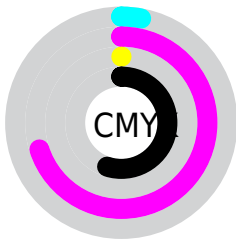
Distribution



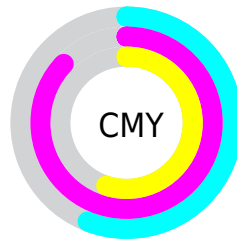
- Red (44%)
- Green (13%)
- Blue (45%)



- Red (44%)
- Yellow (13%)
- Blue (45%)



- Cyan (3%)
- Magenta (70%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1648, 5.7385, 16.4915 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 10.1648, 5.7385, 16.4915 by changing the saturation by 10% instead.

10.1648, 5.7385,
16.4915

10.1648, 5.7385,
16.4915

185.8734,
156.7270, 244.1687

5.5715, 2.6867,
9.7145

25.7519, 17.3861,
38.2280

2.6245, 0.9705,
5.1070

37.4763, 26.7507,
54.0246

0.9584, 0.0000,
2.2503

52.3086, 38.9885,
73.6647

0.0000, 0.0000,
0.7032

70.6139, 54.4836,
97.5671

0.0000, 0.0000,
0.0000

92.7577, 73.6207,
126.1501

119.1053, 96.7840,

159.8323

150.0221,
124.3579, 199.0324

10.1648, 5.7385,
16.4915

10.1648, 5.7385,
16.4915

9.8378, 5.1640,
16.3979

10.6007, 6.5300,
16.6214

9.6078, 4.7833,
16.3366

11.1545, 7.5572,
16.7905

9.4335, 4.5123,
16.2934

11.8350, 8.8373,
17.0017

12.6499, 10.3861,
17.2577

13.6066, 12.2178,
17.5608

■ 14.7116, 14.3458,
17.9133

■ 15.9711, 16.7825,
18.3173

■ 17.3911, 19.5398,
18.7746

■ 18.9771, 22.6287,
19.2872

Harmonies

Analogous

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



7.7312, 5.7385, 26.5186



10.1648, 5.7385, 16.4915



11.3345, 5.7385, 7.0800

Triad

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



10.1648, 5.7385, 16.4915



5.7375, 5.7385, 0.0000



2.3229, 5.7385, 13.9920

Complementary

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



10.1648, 5.7385, 16.4915



7.0693, 12.5436, 3.5623

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.



2.0690, 5.7385, 5.4843



10.1648, 5.7385, 16.4915



3.6750, 5.7385, 0.1259

Square

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



10.1648, 5.7385, 16.4915



8.3558, 5.7385, 0.3553



2.4841, 5.7385, 1.4749



3.3167, 5.7385, 24.4829

Rectangle

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



10.1648, 5.7385, 16.4915



11.0483, 5.7385, 3.2459



2.4841, 5.7385, 1.4749



2.1632, 5.7385, 10.6925

Sweetspot

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



10.1650, 5.7388, 16.4916



23.6653, 20.9991, 30.7814



4.3904, 2.9416, 16.2561



5.3898, 4.6968, 7.0922



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.1650, 5.7388, 16.4916



17.0266, 8.6356, 28.7449



8.8869, 5.2718, 7.7573



3.5026, 3.4474, 4.2350



10.4981, 5.0214, 18.1375



52.1272, 24.9269, 90.3431

Inverse Universe

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



7.8456, 4.8554, 2.2743



12.7279, 7.0115, 1.8015



7.7828, 12.8171, 7.8585



3.3891, 3.4033, 3.5757



7.7496, 3.9922, 0.4912



38.5321, 19.8582, 2.0685

Previews

White Background



This preview shows how the XYZ color 10.1648, 5.7385, 16.4915 looks on a white background.

Color Contrast Check

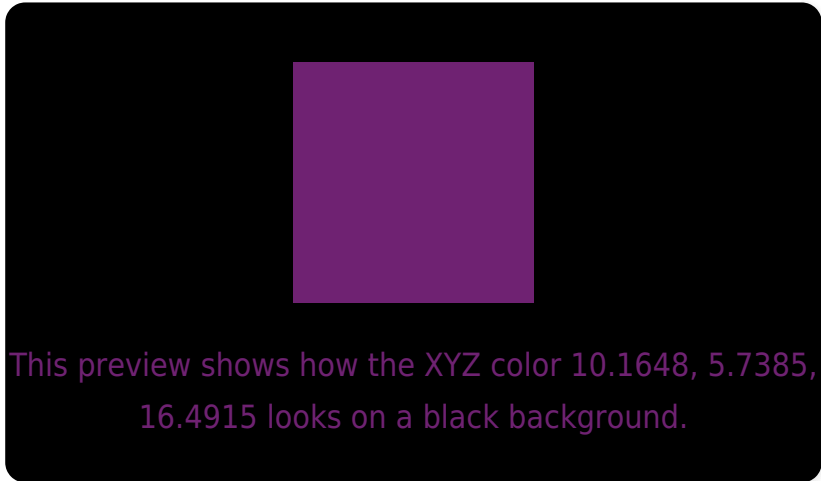
Large Text (above 18pt) WCAG AA ✓ Pass

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

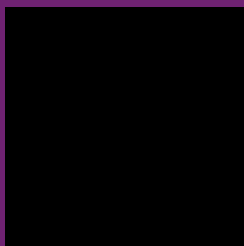
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.1648, 5.7385, 16.4915

Background



This preview shows how black text looks on a background with the XYZ color 10.1648, 5.7385, 16.4915.



This preview shows how white text looks on a background with the XYZ color 10.1648, 5.7385,

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

10.1648, 5.7385, 16.4915

Protanopia

6.7559, 5.8195, 25.9665

Deuteranopia

6.0072, 5.9433, 15.0179



Tritanopia

7.7205, 5.7847, 4.5805

Trichromacy



Original Color

10.1648, 5.7385, 16.4915

Protanomaly

6.2910, 4.7281, 22.0538

Deuteranomaly

6.7544, 5.2562, 15.4104

Tritanomaly

8.4155, 5.6298, 7.8508

Monochromacy



Original Color

10.1648, 5.7385, 16.4915

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

6.3602, 5.0567, 8.8244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1648, 5.7385, 16.4915 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(111, 34, 114)` looks like.

```
.text, #text, p{  
    color:rgb(111, 34, 114)  
}
```

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(111, 34, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 34, 114) }
```

Border

The CSS property to change the border of an element to XYZ 10.1648, 5.7385, 16.4915 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(111, 34, 114) }
```


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

```
.border{ border-color:rgb(111, 34, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 34, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 34, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 34, 114); box-shadow:4px 4px 4px 4px rgb(111, 34, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1648, 5.7385, 16.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 34, 114) }
```

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

```
.background{ background-color: rgb(111, 34,  
114) }
```

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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