

Converting Colors

XYZ(10.8395, 4.9478, 29.4282)

Have a look what the booklet for
XYZ(10.8395, 4.9478, 29.4282)
contains.

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Color

**XYZ(10.7606, 4.9113,
29.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	640096
RGB	100, 0, 150
RGB Percent	39%, 0%, 59%
CMY	0.6078, 1.0000, 0.4118
CMYK	0.33, 1.00, 0.00, 0.41
HSL	280°, 100%, 29%
HSV	280°, 100%, 59%
XYZ	10.7606, 4.9113, 29.2350
YIQ	47.0000, 11.4500, 67.8500

Conversions

Conversions Part 2

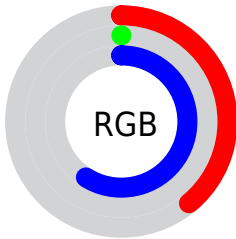
Format	Color
R_{YB}	100, 0, 150
Decimal	6553750
CIE _{Lab}	26.48, 58.78, -55.78
CIE _{LCh}	26, 81.033, 316.496
Yxy	4.9113, 0.2396, 0.1094
Android (android.graphics.Color)	4284743830 (0xFF640096)
YUV	47.0000, 50.7790, 46.4810
Hunter-Lab	22.1615, 47.8890, -62.7013

Details

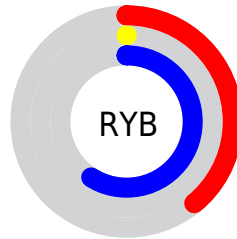
The XYZ color **10.7606, 4.9113, 29.2350** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **12.2216, 22.4908, 3.6970**, and the grayscale version is **2.6492, 2.7871, 3.0352**.

A 20% lighter version of the original color is **26.7969, 15.6099, 59.3583**, and **3.2009, 1.3954, 11.6559** is the 20% darker color. If you saturate the color by 10%, you get **10.7609, 4.9115, 29.2351**, and if you desaturate by 10%, it is **11.5019, 5.5471, 29.3188**.

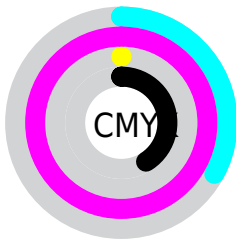
Distribution



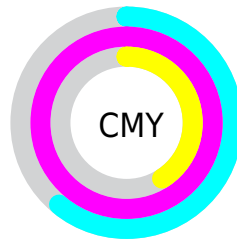
- Red (39%)
- Green (0%)
- Blue (59%)



- Red (39%)
- Yellow (0%)
- Blue (59%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7606, 4.9113, 29.2350 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 10.7606, 4.9113, 29.2350 by changing the saturation by 10% instead.

10.7606, 4.9113,
29.2350

10.7606, 4.9113,
29.2350

189.9601,
148.9644, 312.4177

5.9722, 2.1953,
19.0116

26.8535, 15.6265,
59.4969

2.8687, 0.7174,
11.5017

38.8887, 24.3944,
80.3724

1.0847, 0.0000,
6.2870

54.0703, 35.9485,
105.6357

0.0123, 0.0000,
2.9488

72.7635, 50.6731,
135.7053

0.0000, 0.0000,
1.0685

95.3337, 68.9526,
170.9998

0.0000, 0.0000,
0.0000


122.1463, 91.1713,


211.9376

 153.5666,
117.7138, 258.9374


 10.7606, 4.9113,
29.2350

 10.7606, 4.9113,
29.2350


 10.7609, 4.9115,
29.2351

 11.5019, 5.5471,
29.3188

 12.4000, 6.4457,
29.4449

 13.5140, 7.7238,
29.6329

 14.8669, 9.4270,
29.8903

 16.4788, 11.5943,
30.2237

■ 18.3674, 14.2603,
30.6387

■ 20.5485, 17.4562,
31.1406

■ 23.0369, 21.2105,
31.7341

■ 25.8462, 25.5498,
32.4236

Harmonies

Analogous

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



6.6582, 4.9113, 46.8044



10.7606, 4.9113, 29.2350



13.6593, 4.9113, 10.6552

Triad

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



10.7606, 4.9113, 29.2350



6.2700, 4.9113, 0.0000



0.8905, 4.9113, 12.1365

Complementary

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



10.7606, 4.9113, 29.2350



12.2216, 22.4908, 3.6970

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.



0.8631, 4.9113, 2.1815



10.7606, 4.9113, 29.2350



3.1201, 4.9113, 0.0000

Square

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



10.7606, 4.9113, 29.2350



10.3662, 4.9113, 0.0000



1.4614, 4.9113, 0.0000



1.5694, 4.9113, 31.3163

Rectangle

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



10.7606, 4.9113, 29.2350



13.9302, 4.9113, 3.5804



1.4614, 4.9113, 0.0000



0.8209, 4.9113, 7.6175

Sweetspot

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



10.7609, 4.9115, 29.2351



36.0210, 30.4459, 54.8994



6.6456, 4.4832, 29.3694



7.6476, 6.2523, 12.0886



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



10.7609, 4.9115, 29.2351



18.7994, 8.5692, 51.5844



16.2794, 7.9647, 20.0814



5.8494, 5.8133, 7.2835



8.9597, 4.0915, 24.2485



0.1410, 0.0662, 0.2983

Inverse Universe

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



13.1534, 6.7143, 3.6200



23.1393, 11.8199, 6.0018



11.0819, 21.8830, 4.5595



5.8758, 5.8454, 6.4520



10.9228, 5.5742, 3.0744



0.1463, 0.0733, 0.1041

Previews

White Background



This preview shows how the XYZ color 10.7606, 4.9113, 29.2350 looks on a white background.

Color Contrast Check

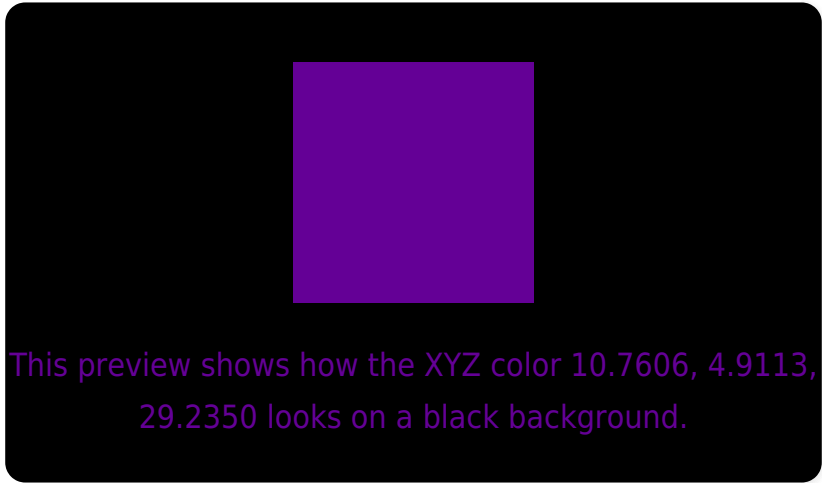
Large Text (above 18pt) WCAG AA ✓ Pass

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

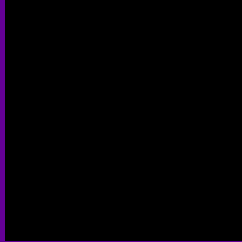
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7606, 4.9113, 29.2350

Background



This preview shows how black text looks on a background with the XYZ color 10.7606, 4.9113, 29.2350.



This preview shows how white text looks on a background with the XYZ color 10.7606, 4.9113,

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

10.7606, 4.9113, 29.2350

Protanopia

6.1365, 5.3880, 23.2708

Deuteranopia

5.2195, 5.3952, 17.2893



Tritanopia

6.1173, 5.3716, 5.4170

Trichromacy



Original Color

10.7606, 4.9113, 29.2350

Protanomaly

6.2541, 3.8544, 25.2253

Deuteranomaly

5.4877, 3.6613, 20.8395

Tritanomaly

6.9751, 4.3861, 11.3054

Monochromacy



Original Color

10.7606, 4.9113, 29.2350

Achromatopsia

2.7019, 2.8426, 3.0956

Achromatomaly

4.3113, 2.7269, 8.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7606, 4.9113, 29.2350 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(100, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(100, 0, 150)  
}
```

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(100, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 0, 150) }
```

Border

The CSS property to change the border of an element to XYZ 10.7606, 4.9113, 29.2350 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(100, 0, 150) }
```


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

```
.border{ border-color:rgb(100, 0, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 0, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(100, 0,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7606, 4.9113, 29.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 0, 150) }
```

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

```
.background{ background-color: rgb(100, 0,  
150) }
```

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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