

Converting Colors

XYZ(10.3913, 6.0563, 11.2965)

Have a look what the booklet for
XYZ(10.3913, 6.0563, 11.2965)
contains.

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Color

**XYZ(10.3970, 6.0630,
11.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	78245E
RGB	120, 36, 94
RGB Percent	47%, 14%, 37%
CMY	0.5294, 0.8588, 0.6314
CMYK	0.00, 0.70, 0.22, 0.53
HSL	319°, 54%, 31%
HSV	319°, 70%, 47%
XYZ	10.3970, 6.0630, 11.2120
YIQ	67.7280, 31.4460, 35.8460

Conversions

Conversions Part 2

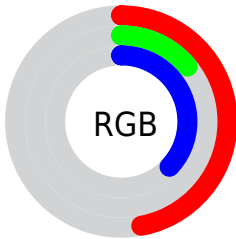
Format	Color
R_{YB}	120, 36, 94
Decimal	7873630
CIE _{Lab}	29.57, 42.70, -15.17
CIE _{LCh}	30, 45.315, 340.439
Yxy	6.0630, 0.3757, 0.2191
Android (android.graphics.Color)	4286063710 (0xFF78245E)
YUV	67.7280, 12.9521, 45.8425
Hunter-Lab	24.6232, 32.2802, -9.7611

Details

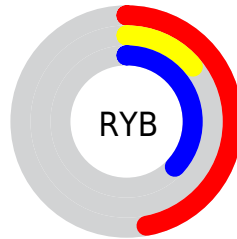
The XYZ color **10.3970, 6.0630, 11.2120** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **8.3139, 14.1560, 6.8523**, and the grayscale version is **5.4276, 5.7103, 6.2185**.

A 20% lighter version of the original color is **26.2798, 18.1377, 28.9039**, and **2.9174, 1.4423, 2.9209** is the 20% darker color. If you saturate the color by 10%, you get **9.9302, 5.3896, 10.2537**, and if you desaturate by 10%, it is **10.9941, 6.9839, 12.2534**.

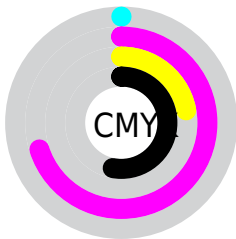
Distribution



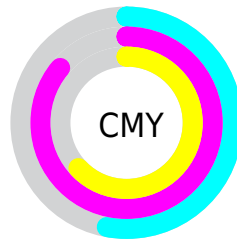
- Red (47%)
- Green (14%)
- Blue (37%)



- Red (47%)
- Yellow (14%)
- Blue (37%)



- Cyan (0%)
- Magenta (70%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3970, 6.0630, 11.2120 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 10.3970, 6.0630, 11.2120 by changing the saturation by 10% instead.

10.3970, 6.0630,
11.2120

10.3970, 6.0630,
11.2120

187.4775,
159.6339, 209.9056

5.7272, 2.8834,
6.0937

26.1825, 18.0617,
28.6941

2.7190, 1.0712,
2.8324

38.0290, 27.6496,
41.8950

1.0070, 0.0000,
1.0097

52.9985, 40.1424,
58.6272

0.0000, 0.0000,
0.0000

71.4563, 55.9245,
79.3091

93.7677, 75.3804,
104.3594

120.2981, 98.8942,

134.1965

151.4130,
126.8506, 169.2391

■ 10.3970, 6.0630,
11.2120

■ 10.3970, 6.0630,
11.2120

■ 9.9302, 5.3896,
10.2537

■ 10.9941, 6.9839,
12.2534

■ 9.5801, 4.9373,
9.3734

■ 11.7320, 8.1734,
13.3818

■ 9.3016, 4.6155,
8.5553

■ 12.6207, 9.6514,
14.6011

■ 9.3015, 4.6154,
8.5550

■ 13.6692, 11.4356,
15.9149

■ 14.8857, 13.5424,
17.3264

■ 16.2780, 15.9870,
18.8386

■ 17.8531, 18.7834,
20.4545

■ 19.6179, 21.9451,
22.1767

■ 21.5787, 25.4848,
24.0079

Harmonies

Analogous

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



8.7561, 6.0630, 19.6696



10.3970, 6.0630, 11.2120



10.6422, 6.0630, 4.7408

Triad

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



10.3970, 6.0630, 11.2120



5.0699, 6.0630, 0.4488



3.2290, 6.0630, 17.1277

Complementary

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



10.3970, 6.0630, 11.2120



8.3139, 14.1560, 6.8523

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.



2.6630, 6.0630, 8.8949



10.3970, 6.0630, 11.2120



3.5435, 6.0630, 1.1658

Square

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



10.3970, 6.0630, 11.2120



7.2039, 6.0630, 0.5792



2.7623, 6.0630, 3.4682



4.5278, 6.0630, 24.2735

Rectangle

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



10.3970, 6.0630, 11.2120



9.9306, 6.0630, 2.3410



2.7623, 6.0630, 3.4682



2.9627, 6.0630, 14.2438

Sweetspot

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



10.3972, 6.0633, 11.2121



25.8368, 23.2183, 30.0856



5.9582, 3.6167, 18.1534



6.0078, 5.3021, 6.9984



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.



10.3972, 6.0633, 11.2121



17.0692, 8.9538, 17.0799



9.0149, 5.5104, 3.9331



4.1042, 4.0574, 4.7462



10.1409, 5.0325, 9.2988



47.9780, 23.8475, 42.2757

Inverse Universe

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



10.3972, 6.0633, 11.2121



17.0692, 8.9538, 17.0799



9.9025, 14.7915, 15.2181



4.1042, 4.0574, 4.7462



10.1409, 5.0325, 9.2988



47.9780, 23.8475, 42.2757

Previews

White Background



This preview shows how the XYZ color 10.3970, 6.0630, 11.2120 looks on a white background.

Color Contrast Check

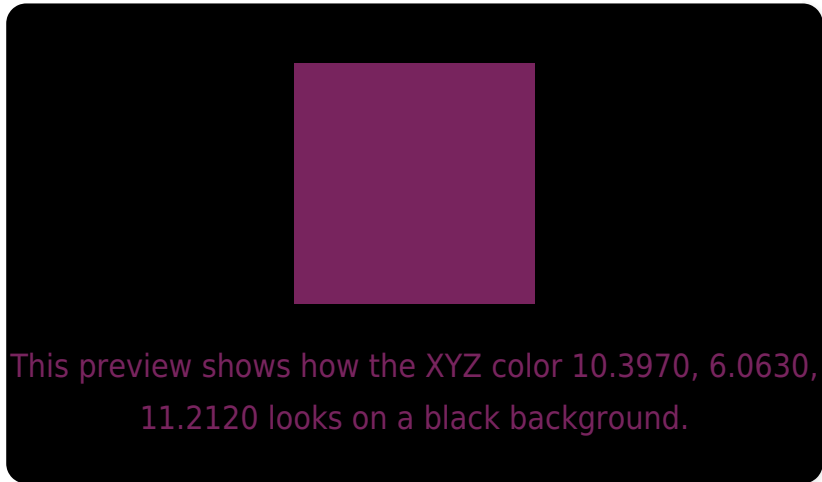
Large Text (above 18pt) WCAG AA ✓ Pass

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

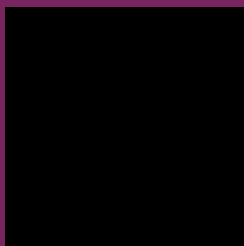
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.3970, 6.0630, 11.2120

Background



This preview shows how black text looks on a background with the XYZ color 10.3970, 6.0630, 11.2120.



This preview shows how white text looks on a background with the XYZ color 10.3970, 6.0630,

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

10.3970, 6.0630, 11.2120

Protanopia

6.7849, 6.2653, 18.6210

Deuteranopia

6.3152, 6.2065, 10.3163



Tritanopia

8.8570, 6.0659, 3.8360

Trichromacy



Original Color

10.3970, 6.0630, 11.2120

Protanomaly

7.2340, 5.5698, 15.7327

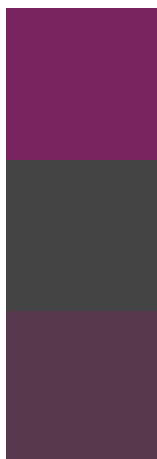
Deuteranomaly

7.2819, 5.7078, 10.6154

Tritanomaly

9.2499, 5.9885, 5.9786

Monochromacy



Original Color

10.3970, 6.0630, 11.2120

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

6.6842, 5.3904, 7.7093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3970, 6.0630, 11.2120 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(120, 36, 94)` looks like.

```
.text, #text, p{  
    color:rgb(120, 36, 94)  
}
```

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(120, 36, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 36, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.3970, 6.0630, 11.2120 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(120, 36, 94) }
```


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

```
.border{ border-color:rgb(120, 36, 94) }
```

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

Here you see how a box with a 4 pixel rgb(120, 36, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 36, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 36, 94);  
box-shadow:4px 4px 4px 4px rgb(120, 36,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3970, 6.0630, 11.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 36, 94) }
```

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

```
.background{ background-color: rgb(120, 36,  
94) }
```

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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