

Converting Colors

XYZ(11.1575, 5.9886, 9.6114)

Have a look what the booklet for
XYZ(11.1575, 5.9886, 9.6114)
contains.

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Color

**XYZ(11.2131, 6.0078,
9.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	821657
RGB	130, 22, 87
RGB Percent	51%, 9%, 34%
CMY	0.4902, 0.9137, 0.6588
CMYK	0.00, 0.83, 0.33, 0.49
HSL	324°, 71%, 30%
HSV	324°, 83%, 51%
XYZ	11.2131, 6.0078, 9.5854
YIQ	61.7020, 43.5030, 43.1110

Conversions

Conversions Part 2

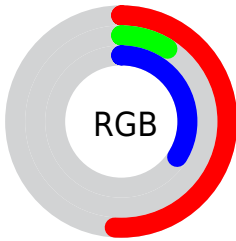
Format	Color
R_{YB}	130, 22, 87
Decimal	8525399
CIE _{Lab}	29.43, 49.40, -10.64
CIE _{LCh}	29, 50.530, 347.845
Yxy	6.0078, 0.4183, 0.2241
Android (android.graphics.Color)	4286715479 (0xFF821657)
YUV	61.7020, 12.4719, 59.8973
Hunter-Lab	24.5108, 38.7655, -6.0289

Details

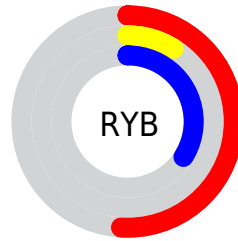
The XYZ color **11.2131, 6.0078, 9.5854** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **9.2681, 16.5176, 7.7022**, and the grayscale version is **4.5148, 4.7499, 5.1727**.

A 20% lighter version of the original color is **27.5610, 17.8372, 25.6572**, and **3.3984, 1.7037, 2.3402** is the 20% darker color. If you saturate the color by 10%, you get **10.8200, 5.5479, 8.4481**, and if you desaturate by 10%, it is **11.7467, 6.7243, 10.8445**.

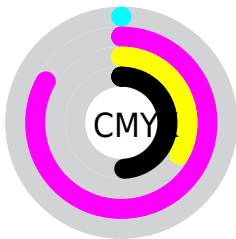
Distribution



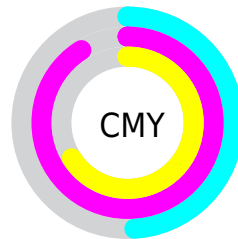
- Red (51%)
- Green (9%)
- Blue (34%)



- Red (51%)
- Yellow (9%)
- Blue (34%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2131, 6.0078, 9.5854 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 11.2131, 6.0078, 9.5854 by changing the saturation by 10% instead.

■ 11.2131, 6.0078,
9.5854

■ 11.2131, 6.0078,
9.5854

193.0020,
159.1443, 198.0629

■ 6.2787, 2.8498,
5.0230

■ 27.6830, 17.9473,
25.6082

■ 3.0575, 1.0538,
2.2018

■ 39.9493, 27.4976,
37.9057

■ 1.1843, 0.0000,
0.6754

■ 55.3902, 39.9475,
53.6185

■ 0.0939, 0.0000,
0.0000

■ 74.3711, 55.6814,
73.1653

■ 0.0000, 0.0000,
0.0000

■ 97.2574, 75.0836,
96.9646

■ 124.4144, 98.5386,

125.4350

156.2075,
126.4307, 158.9949

11.2131, 6.0078,
9.5854

11.2131, 6.0078,
9.5854

10.8200, 5.5479,
8.4481

11.7467, 6.7243,
10.8445

10.5895, 5.2993,
7.7169

12.4374, 7.7302,
12.2322

13.2998, 9.0542,
13.7551

14.3464, 10.7211,
15.4186

15.5889, 12.7534,
17.2280

■ 17.0375, 15.1714,
19.1881

■ 18.7020, 17.9942,
21.3035

■ 20.5914, 21.2394,
23.5785

■ 22.7143, 24.9236,
26.0172

Harmonies

Analogous

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



9.6539, 6.0078, 19.2468



11.2131, 6.0078, 9.5854



11.0359, 6.0078, 3.3784

Triad

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



11.2131, 6.0078, 9.5854



4.4599, 6.0078, 0.1850



3.2277, 6.0078, 21.1298

Complementary

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



11.2131, 6.0078, 9.5854



9.2681, 16.5176, 7.7022

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.



2.4515, 6.0078, 11.2383



11.2131, 6.0078, 9.5854



3.0202, 6.0078, 1.1928

Square

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



11.2131, 6.0078, 9.5854



6.6924, 6.0078, 0.0942



2.3874, 6.0078, 4.2216



4.8292, 6.0078, 28.3619

Rectangle

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



11.2131, 6.0078, 9.5854



9.9604, 6.0078, 1.4430



2.3874, 6.0078, 4.2216



2.8826, 6.0078, 17.7879

Sweetspot

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



11.2133, 6.0081, 9.5855



29.3325, 25.5893, 32.9046



6.3923, 3.2561, 21.4106



6.4680, 5.5057, 7.2177



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.2133, 6.0081, 9.5855



18.5754, 9.3030, 13.2021



9.7906, 5.4390, 2.0936



4.4279, 4.3843, 5.0577



10.1572, 5.0826, 7.4173



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.2133, 6.0081, 9.5855



18.5754, 9.3030, 13.2021



11.5482, 17.4297, 19.7091



4.4279, 4.3843, 5.0577



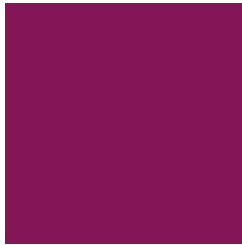
10.1572, 5.0826, 7.4173



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.2131, 6.0078, 9.5854 looks on a white background.

Color Contrast Check

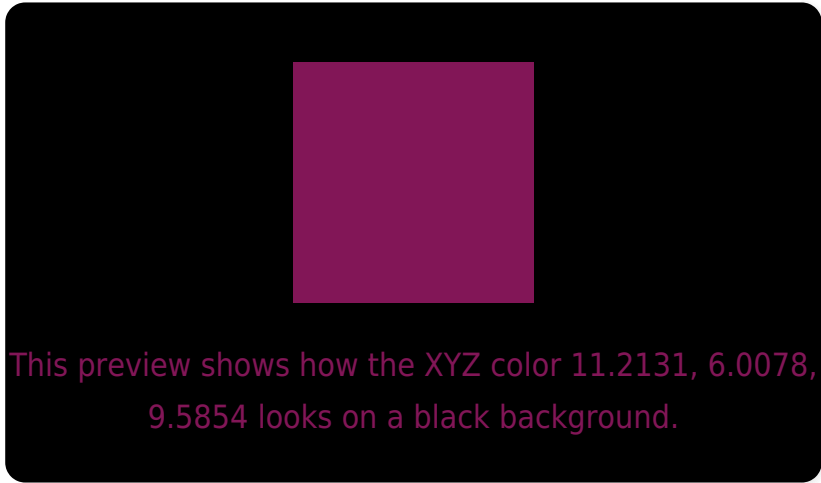
Large Text (above 18pt) WCAG AA ✓ Pass

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

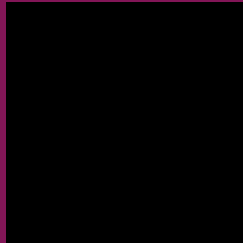
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2131, 6.0078, 9.5854

Background



This preview shows how black text looks on a background with the XYZ color 11.2131, 6.0078, 9.5854.



This preview shows how white text looks on a background with the XYZ color 11.2131, 6.0078,

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

11.2131, 6.0078, 9.5854

Protanopia

6.8957, 6.4145, 18.6440

Deuteranopia

6.3610, 6.2668, 8.6589



Tritanopia

9.8782, 6.1232, 2.7591

Trichromacy



Original Color

11.2131, 6.0078, 9.5854

Protanomaly

7.2043, 5.2912, 14.8289

Deuteranomaly

7.4054, 5.4602, 8.8472

Tritanomaly

10.2097, 5.9824, 4.6196

Monochromacy



Original Color

11.2131, 6.0078, 9.5854

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

6.0843, 4.5142, 6.5119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2131, 6.0078, 9.5854 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(130, 22, 87)` looks like.

```
.text, #text, p{  
    color:rgb(130, 22, 87)  
}
```

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(130, 22, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 22, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.2131, 6.0078, 9.5854 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(130, 22, 87) }
```


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

```
.border{ border-color:rgb(130, 22, 87) }
```

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

Here you see how a box with a 4 pixel rgb(130, 22, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 22, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 22, 87);  
box-shadow:4px 4px 4px 4px rgb(130, 22,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2131, 6.0078, 9.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 22, 87) }
```

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

```
.background{ background-color: rgb(130, 22,  
87) }
```

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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