

Converting Colors

XYZ(11.0626, 6.2853, 5.4806)

Have a look what the booklet for
XYZ(11.0626, 6.2853, 5.4806)
contains.

XYZ(11.0626, 6.2853, 5.4806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.0626, 6.2853,
5.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	851E40
RGB	133, 30, 64
RGB Percent	52%, 12%, 25%
CMY	0.4784, 0.8823, 0.7490
CMYK	0.00, 0.77, 0.52, 0.48
HSL	340°, 63%, 32%
HSV	340°, 77%, 52%
XYZ	11.0626, 6.2853, 5.4806
YIQ	64.6730, 50.4740, 32.4100

Conversions

Conversions Part 2

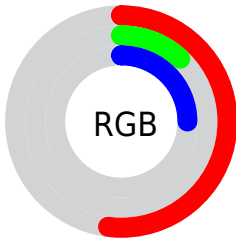
Format	Color
RYB	133, 30, 64
Decimal	8724032
CIELab	30.12, 45.33, 5.67
CIElCh	30, 45.679, 7.136
Yxy	6.2853, 0.4846, 0.2753
Android (android.graphics.Color)	4286914112 (0xFF851E40)
YUV	64.6730, -0.3318, 59.9228
Hunter-Lab	25.0705, 34.8915, 4.5881

Details

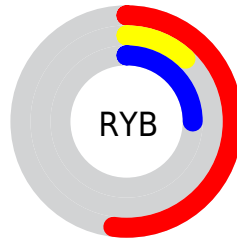
The XYZ color **11.0626, 6.2853, 5.4806** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11.1757, 17.9522, 14.6824**, and the grayscale version is **4.9704, 5.2292, 5.6946**.

A 20% lighter version of the original color is **27.2748, 18.4355, 17.1598**, and **3.2867, 1.6776, 0.9096** is the 20% darker color. If you saturate the color by 10%, you get **10.5606, 5.6551, 4.1607**, and if you desaturate by 10%, it is **11.7476, 7.2166, 7.0616**.

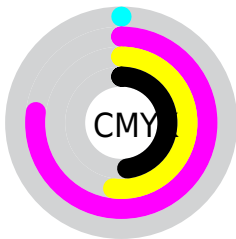
Distribution



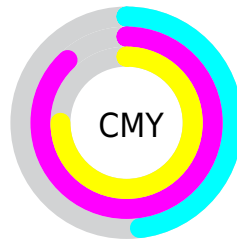
- Red (52%)
- Green (12%)
- Blue (25%)



- Red (52%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (52%)
- Black (48%)




- Cyan (48%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0626, 6.2853, 5.4806 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 11.0626, 6.2853, 5.4806 by changing the saturation by 10% instead.


 11.0626, 6.2853,
5.4806

 11.0626, 6.2853,
5.4806


191.9960,
161.5856, 163.4835


 6.1766, 3.0193,
2.4683


 27.4078, 18.5203,
17.3016


 2.9944, 1.1418,
0.8233

 39.5977, 28.2580,
26.9473


 1.1508, 0.0134,
0.0000

 54.9528, 40.9219,
39.6413

 0.0670, 0.0000,
0.0000

 73.8387, 56.8961,
55.8020

 0.0000, 0.0000,
0.0000

 96.6206, 76.5652,
75.8481

 123.6638,

100.3136, 100.1980

155.3338,
128.5256, 129.2703

11.0626, 6.2853,
5.4806

11.0626, 6.2853,
5.4806

10.5606, 5.6551,
4.1607

11.7476, 7.2166,
7.0616

10.2065, 5.2592,
3.0805

12.6329, 8.4806,
8.9181

10.1255, 5.1676,
2.8364

13.7340, 10.1060,
11.0637

15.0650, 12.1181,
13.5109

16.6385, 14.5398,
16.2714

■ 18.4662, 17.3922,
19.3563

■ 20.5592, 20.6952,
22.7760

■ 22.9277, 24.4672,
26.5405

■ 25.5815, 28.7257,
30.6595

Harmonies

Analogous

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



10.6286, 6.2853, 12.5249



11.0626, 6.2853, 5.4806



9.8950, 6.2853, 1.9074

Triad

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



11.0626, 6.2853, 5.4806



3.8168, 6.2853, 1.0899



4.5125, 6.2853, 24.4778

Complementary

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



11.0626, 6.2853, 5.4806



11.1757, 17.9522, 14.6824

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.



3.2557, 6.2853, 16.7183



11.0626, 6.2853, 5.4806



2.9262, 6.2853, 3.2079

Square

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



11.0626, 6.2853, 5.4806



5.4769, 6.2853, 0.4620



2.7487, 6.2853, 8.4157



6.5003, 6.2853, 26.4838

Rectangle

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



11.0626, 6.2853, 5.4806



8.4989, 6.2853, 0.9483



2.7487, 6.2853, 8.4157



4.0064, 6.2853, 22.2987

Sweetspot

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



11.0628, 6.2857, 5.4807



31.0223, 27.9437, 31.2313



9.8076, 5.2565, 22.6880



6.7676, 5.9511, 6.6588



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.0628, 6.2857, 5.4807



18.4200, 9.5821, 5.9349



10.9308, 7.1272, 2.0284



4.7313, 4.7122, 5.1972



9.6482, 4.9236, 2.7199



0.0365, 0.0183, 0.0258

Inverse Universe

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



11.0628, 6.2857, 5.4807



18.4200, 9.5821, 5.9349



10.9956, 14.4223, 24.3946



4.7313, 4.7122, 5.1972



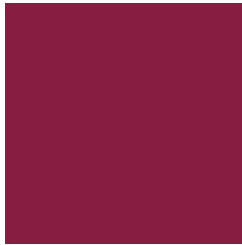
9.6482, 4.9236, 2.7199



0.0365, 0.0183, 0.0258

Previews

White Background



This preview shows how the XYZ color 11.0626, 6.2853, 5.4806 looks on a white background.

Color Contrast Check

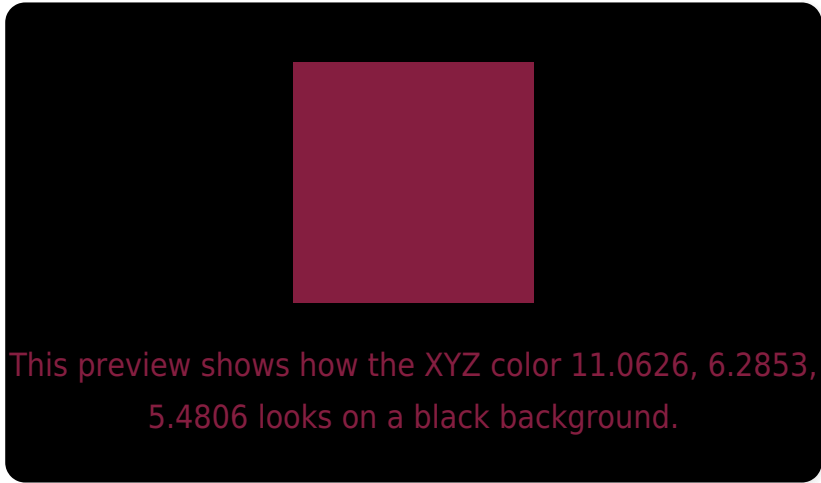
Large Text (above 18pt) WCAG AA ✓ Pass

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

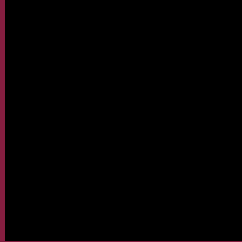
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0626, 6.2853, 5.4806

Background



This preview shows how black text looks on a background with the XYZ color 11.0626, 6.2853, 5.4806.



This preview shows how white text looks on a background with the XYZ color 11.0626, 6.2853,

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

11.0626, 6.2853, 5.4806

Protanopia

6.5229, 6.6087, 9.7359

Deuteranopia

6.6357, 6.5809, 5.0582



Tritanopia

10.5271, 6.3686, 2.5081

Trichromacy



Original Color

11.0626, 6.2853, 5.4806

Protanomaly

7.3525, 5.8035, 7.9404

Deuteranomaly

7.6880, 5.8941, 5.1473

Tritanomaly

10.6008, 6.2548, 3.3379

Monochromacy



Original Color

11.0626, 6.2853, 5.4806

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

6.3986, 5.0113, 5.6311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0626, 6.2853, 5.4806 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(133, 30, 64)` looks like.

```
.text, #text, p{  
    color:rgb(133, 30, 64)  
}
```

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(133, 30, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 30, 64) }
```

Border

The CSS property to change the border of an element to XYZ 11.0626, 6.2853, 5.4806 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(133, 30, 64) }
```


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

```
.border{ border-color:rgb(133, 30, 64) }
```

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

Here you see how a box with a 4 pixel rgb(133, 30, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 30, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 30, 64);  
box-shadow:4px 4px 4px 4px rgb(133, 30,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0626, 6.2853, 5.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 30, 64) }
```

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

```
.background{ background-color: rgb(133, 30,  
64) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor