

Converting Colors

XYZ(11.9593, 8.4504, 6.1550)

Have a look what the booklet for
XYZ(11.9593, 8.4504, 6.1550)
contains.

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Color

**XYZ(11.9593, 8.4504,
6.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	833C42
RGB	131, 60, 66
RGB Percent	51%, 24%, 26%
CMY	0.4863, 0.7647, 0.7412
CMYK	0.00, 0.54, 0.50, 0.49
HSL	355°, 37%, 37%
HSV	355°, 54%, 51%
XYZ	11.9593, 8.4504, 6.1550
YIQ	81.9130, 40.3900, 16.9180

Conversions

Conversions Part 2

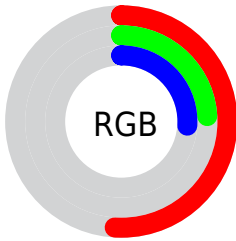
Format	Color
R_{YB}	131, 60, 66
Decimal	8600642
CIE _{Lab}	34.90, 31.14, 11.01
CIE _{LCh}	35, 33.024, 19.471
Yxy	8.4504, 0.4502, 0.3181
Android (android.graphics.Color)	4286790722 (0xFF833C42)
YUV	81.9130, -7.8451, 43.0493
Hunter-Lab	29.0696, 22.5636, 7.7950

Details

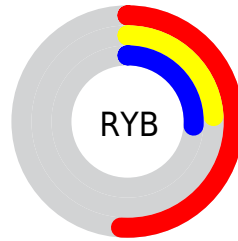
The XYZ color **11.9593, 8.4504, 6.1550** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **13.6820, 18.6741, 22.2868**, and the grayscale version is **8.0125, 8.4298, 9.1800**.

A 20% lighter version of the original color is **29.1067, 22.9316, 18.8117**, and **3.3451, 1.8831, 1.0513** is the 20% darker color. If you saturate the color by 10%, you get **11.0388, 7.1171, 4.2828**, and if you desaturate by 10%, it is **13.1244, 10.1541, 8.4748**.

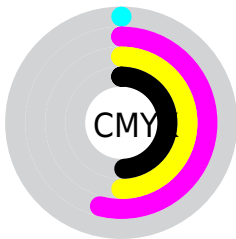
Distribution



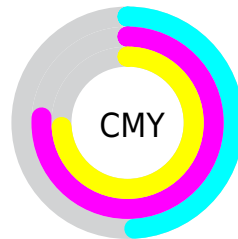
- Red (51%)
- Green (24%)
- Blue (26%)



- Red (51%)
- Yellow (24%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (50%)
- Black (49%)





- Cyan (49%)
- Magenta (76%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.9593, 8.4504, 6.1550 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 11.9593, 8.4504, 6.1550 by changing the saturation by 10% instead.


 11.9593, 8.4504,
6.1550

 11.9593, 8.4504,
6.1550


197.9111,
179.2233, 169.8005

 6.7880, 4.3845,
2.8692


 29.0385, 22.8368,
18.7350

 3.3750, 1.8909,
1.0283

 41.6770, 33.9260,
28.8663


 1.3550, 0.5429,
0.0000

 57.5353, 48.1252,
42.1165

 0.2238, 0.0000,
0.0000

 76.9788, 65.8186,
58.9042

 0.0000, 0.0000,
0.0000

 100.3727, 87.3908,
79.6479

 128.0825,

113.2260, 104.7662

160.4735,
143.7087, 134.6775

■ 11.9593, 8.4504,
6.1550

■ 11.9593, 8.4504,
6.1550

■ 11.0388, 7.1171,
4.2828

■ 13.1244, 10.1541,
8.4748

■ 10.3446, 6.1255,
2.8288

■ 14.5491, 12.2516,
11.2681

■ 9.8574, 5.4447,
1.7610

■ 16.2481, 14.7657,
14.5592

■ 9.5520, 5.0341,
1.0416

■ 18.2348, 17.7175,
18.3709

■ 9.4208, 4.8496,
0.7581

■ 20.5216, 21.1262,
22.7242

■ 23.1202, 25.0101,
27.6394

■ 26.0419, 29.3866,
33.1352

■ 29.2971, 34.2719,
39.2300

■ 32.8959, 39.6819,
45.9410

Harmonies

Analogous

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



12.1511, 8.4504, 11.2325



11.9593, 8.4504, 6.1550



10.6266, 8.4504, 3.3491

Triad

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



11.9593, 8.4504, 6.1550



5.5786, 8.4504, 3.9674



7.3872, 8.4504, 23.6564

Complementary

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



11.9593, 8.4504, 6.1550



13.6820, 18.6741, 22.2868

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.



5.8981, 8.4504, 19.5688



11.9593, 8.4504, 6.1550



4.9678, 8.4504, 7.4306

Square

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



11.9593, 8.4504, 6.1550



6.8826, 8.4504, 2.4717



5.0748, 8.4504, 13.1156



9.3024, 8.4504, 22.8785

Rectangle

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



11.9593, 8.4504, 6.1550



9.3720, 8.4504, 2.4991



5.0748, 8.4504, 13.1156



6.8260, 8.4504, 22.7583

Sweetspot

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



11.9595, 8.4508, 6.1552



31.8362, 30.5105, 31.3330



14.0106, 9.1486, 22.5000



7.2642, 6.8835, 7.0116



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.



11.9595, 8.4508, 6.1552



19.4468, 12.2835, 7.0049



13.6986, 12.1973, 5.9080



4.6874, 4.6946, 4.9660



9.2739, 4.7739, 0.7488



0.0331, 0.0169, 0.0077

Inverse Universe

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



11.9595, 8.4508, 6.1552



19.4468, 12.2835, 7.0049



10.7712, 12.2209, 23.2638



4.6874, 4.6946, 4.9660



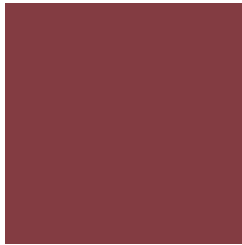
9.2739, 4.7739, 0.7488



0.0331, 0.0169, 0.0077

Previews

White Background



This preview shows how the XYZ color 11.9593, 8.4504, 6.1550 looks on a white background.

Color Contrast Check

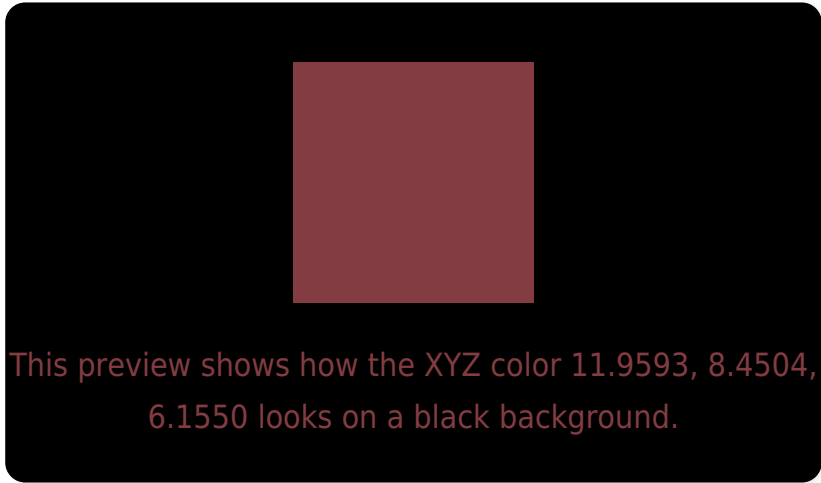
Large Text (above 18pt) WCAG AA ✓ Pass

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

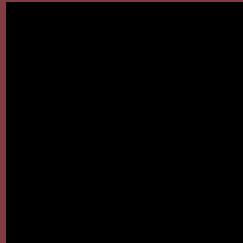
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9593, 8.4504, 6.1550

Background



This preview shows how black text looks on a background with the XYZ color 11.9593, 8.4504, 6.1550.



This preview shows how white text looks on a background with the XYZ color 11.9593, 8.4504,

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

11.9593, 8.4504, 6.1550

Protanopia

8.1946, 8.5488, 8.2394

Deuteranopia

8.6230, 8.4922, 5.8873



Tritanopia

11.9013, 8.4272, 5.8498

Trichromacy



Original Color

11.9593, 8.4504, 6.1550

Protanomaly

9.1309, 8.2034, 7.4055

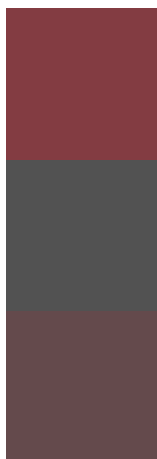
Deuteranomaly

9.5495, 8.2561, 5.9408

Tritanomaly

11.9301, 8.4387, 6.0011

Monochromacy



Original Color

11.9593, 8.4504, 6.1550

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.0088, 8.1287, 7.9317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9593, 8.4504, 6.1550 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(131, 60, 66)` looks like.

```
.text, #text, p{  
    color:rgb(131, 60, 66)  
}
```

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(131, 60, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 60, 66) }
```

Border

The CSS property to change the border of an element to XYZ 11.9593, 8.4504, 6.1550 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(131, 60, 66) }
```


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

```
.border{ border-color:rgb(131, 60, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 60, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 60, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 60, 66);  
box-shadow:4px 4px 4px 4px rgb(131, 60,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9593, 8.4504, 6.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 60, 66) }
```

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

```
.background{ background-color: rgb(131, 60,  
66) }
```

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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