

Converting Colors

XYZ(13.9631, 20.1294, 11.0726)

Have a look what the booklet for
XYZ(13.9631, 20.1294, 11.0726)
contains.

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Color

**XYZ(13.9833, 20.1023,
11.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	548852
RGB	84, 136, 82
RGB Percent	33%, 53%, 32%
CMY	0.6706, 0.4667, 0.6784
CMYK	0.38, 0.00, 0.40, 0.47
HSL	118°, 25%, 43%
HSV	118°, 40%, 53%
XYZ	13.9833, 20.1023, 11.1258
YIQ	114.2960, -13.6580, -27.8180

Conversions

Conversions Part 2

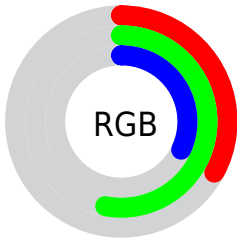
Format	Color
R_{YB}	82, 136, 134
Decimal	5539922
CIE _{Lab}	51.95, -28.95, 23.66
CIE _{LCh}	52, 37.384, 140.741
Yxy	20.1023, 0.3093, 0.4446
Android (android.graphics.Color)	4283730002 (0xFF548852)
YUV	114.2960, -15.9219, -26.5696
Hunter-Lab	44.8356, -22.7918, 16.6723

Details

The XYZ color **13.9833, 20.1023, 11.1258** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2936, 12.8811, 24.8684**, and the grayscale version is **16.1329, 16.9730, 18.4836**.

A 20% lighter version of the original color is **32.7317, 43.7271, 28.5448**, and **4.3059, 7.1230, 2.8170** is the 20% darker color. If you saturate the color by 10%, you get **12.4517, 19.3673, 8.6153**, and if you desaturate by 10%, it is **15.8377, 20.9930, 14.1878**.

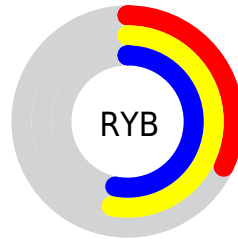
Distribution



Red (33%)

Green (53%)

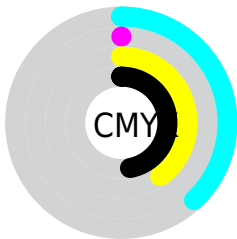
Blue (32%)



Red (32%)

Yellow (53%)

Blue (53%)

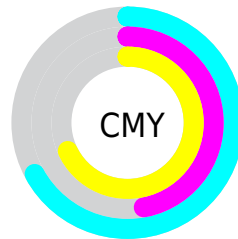


Cyan (38%)

Magenta (0%)

Yellow (40%)

Black (47%)



Cyan (67%)

Magenta (47%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9833, 20.1023, 11.1258 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 13.9833, 20.1023, 11.1258 by changing the saturation by 10% instead.

■ 13.9833, 20.1023,
11.1258

■ 13.9833, 20.1023,
11.1258

210.6396,
252.4684, 209.2969

■ 8.1907, 12.4694,
6.0363

■ 32.6459, 43.5886,
28.5328

■ 4.2700, 7.0642,
2.7980

■ 46.2466, 60.2109,
41.6873

■ 1.8560, 3.5023,
0.9924

■ 63.1807, 80.5984,
58.3672

■ 0.5511, 1.3993,
0.0000

■ 83.8135, 105.1355,
78.9911

■ 0.0000, 0.2162,
0.0000

■ 108.5105,
134.2067, 103.9774

■ 0.0000, 0.0000,
0.0000

137.6369,

168.1963, 133.7448

171.5582,
207.4887, 168.7118

■ 13.9833, 20.1023,
11.1258

■ 13.9833, 20.1023,
11.1258

■ 12.4517, 19.3673,
8.6153

■ 15.8377, 20.9930,
14.1878

■ 11.2231, 18.7768,
6.6222

■ 18.0304, 22.0450,
17.8300

■ 10.2778, 18.3219,
5.1110

■ 20.5774, 23.2667,
22.0805

■ 9.5931, 17.9919,
4.0409

■ 23.4936, 24.6649,
26.9655

■ 9.1430, 17.7744,
3.3644

■ 26.7929, 26.2464,
32.5094

■ 8.8746, 17.6449,
2.9496

■ 30.4883, 28.0175,
38.7354

■ 8.8676, 17.6416,
2.9378

■ 34.5925, 29.9842,
45.6657

■ 39.1175, 32.1521,
53.3214

■ 44.0747, 34.5268,
61.7225

Harmonies

Analogous

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



16.6311, 20.1023, 7.5589



13.9833, 20.1023, 11.1258



12.7574, 20.1023, 18.6868

Triad

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



13.9833, 20.1023, 11.1258



17.9535, 20.1023, 49.7638



26.7977, 20.1023, 15.2748

Complementary

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



13.9833, 20.1023, 11.1258



17.2936, 12.8811, 24.8684

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.



27.2751, 20.1023, 25.4354



13.9833, 20.1023, 11.1258



21.8164, 20.1023, 47.9115

Square

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



13.9833, 20.1023, 11.1258



14.8407, 20.1023, 42.4496



25.3496, 20.1023, 38.0051



24.1205, 20.1023, 9.3428

Rectangle

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



13.9833, 20.1023, 11.1258



12.7825, 20.1023, 26.0296



25.3496, 20.1023, 38.0051



27.2335, 20.1023, 18.2108

Sweetspot

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



13.9838, 20.1031, 11.1262



35.0546, 40.4219, 36.8928



20.1059, 22.7017, 11.3052



8.0023, 9.3057, 8.3503



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



13.9838, 20.1031, 11.1262



22.1052, 34.2076, 15.4473



14.9016, 20.4499, 16.8800



4.9879, 5.6165, 5.3736



8.3943, 16.6974, 2.7805



0.0577, 0.1119, 0.0186

Inverse Universe

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



17.2936, 12.8811, 24.8684



28.8096, 19.5637, 43.3061



16.0793, 12.4325, 16.7947



5.2159, 5.1197, 6.3191



13.0618, 6.2477, 22.5632



0.0894, 0.0429, 0.1500

Previews

White Background



This preview shows how the XYZ color 13.9833, 20.1023, 11.1258 looks on a white background.

Color Contrast Check

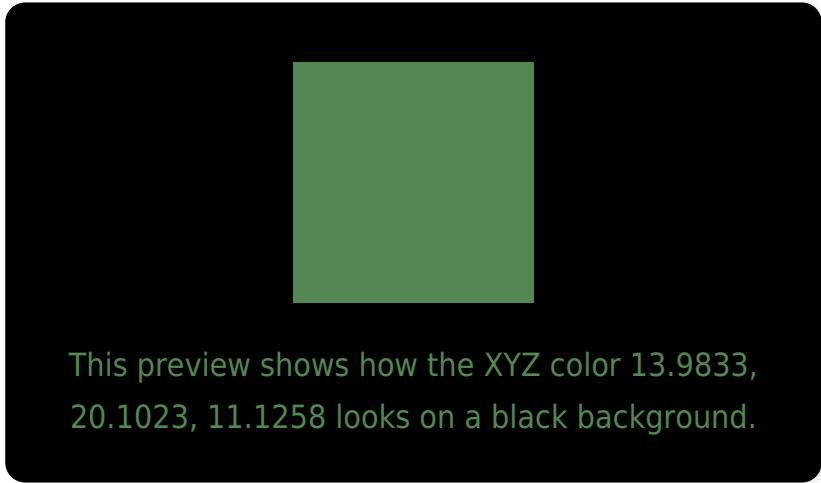
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

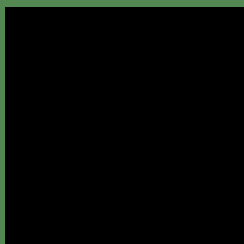
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.9833, 20.1023, 11.1258

Background



This preview shows how black text looks on a background with the XYZ color 13.9833, 20.1023, 11.1258.



This preview shows how white text looks on a background with the XYZ color 13.9833, 20.1023,

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

13.9833, 20.1023, 11.1258

Protanopia

18.2540, 19.7701, 9.8751

Deuteranopia

20.1908, 19.8318, 11.5678



Tritanopia

17.3032, 20.0269, 27.7645

Trichromacy



Original Color

13.9833, 20.1023, 11.1258

Protanomaly

16.3329, 19.7159, 10.3418

Deuteranomaly

17.2855, 19.6082, 11.4680

Tritanomaly

15.8954, 20.0586, 20.4867

Monochromacy



Original Color

13.9833, 20.1023, 11.1258

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.9513, 17.7619, 15.2108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9833, 20.1023, 11.1258 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(84, 136, 82)` looks like.

```
.text, #text, p{  
    color:rgb(84, 136, 82)  
}
```

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(84, 136, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 136, 82) }
```

Border

The CSS property to change the border of an element to XYZ 13.9833, 20.1023, 11.1258 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(84, 136, 82) }
```


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

```
.border{ border-color:rgb(84, 136, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 136, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 136, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 136, 82);  
box-shadow:4px 4px 4px 4px rgb(84, 136,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9833, 20.1023, 11.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 136, 82) }
```

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

```
.background{ background-color: rgb(84, 136,  
82) }
```

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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