

Converting Colors

XYZ(15.3053, 21.9688, 9.3493)

Have a look what the booklet for
XYZ(15.3053, 21.9688, 9.3493)
contains.

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Color

**XYZ(15.2783, 21.8844,
9.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8D47
RGB	94, 141, 71
RGB Percent	37%, 55%, 28%
CMY	0.6314, 0.4470, 0.7216
CMYK	0.33, 0.00, 0.50, 0.45
HSL	100°, 33%, 42%
HSV	100°, 50%, 55%
XYZ	15.2783, 21.8844, 9.3801
YIQ	118.9670, -5.5420, -31.7340

Conversions

Conversions Part 2

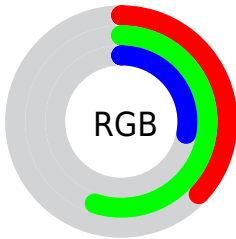
Format	Color
R_{YB}	71, 141, 118
Decimal	6196551
CIE _{Lab}	53.90, -29.45, 32.19
CIE _{LCh}	54, 43.631, 132.450
Yxy	21.8844, 0.3283, 0.4702
Android (android.graphics.Color)	4284386631 (0xFF5E8D47)
YUV	118.9670, -23.6477, -21.8961
Hunter-Lab	46.7808, -23.5694, 20.8582

Details

The XYZ color **15.2783, 21.8844, 9.3801** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.5332, 10.2818, 26.4192**, and the grayscale version is **17.5984, 18.5148, 20.1627**.

A 20% lighter version of the original color is **34.9989, 46.6137, 25.2419**, and **4.8597, 7.9137, 2.1355** is the 20% darker color. If you saturate the color by 10%, you get **13.9654, 21.2546, 7.2245**, and if you desaturate by 10%, it is **16.8164, 22.6195, 12.0953**.

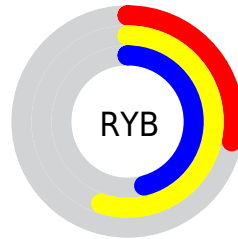
Distribution



Red (37%)

Green (55%)

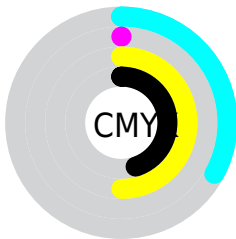
Blue (28%)



Red (28%)

Yellow (55%)

Blue (46%)

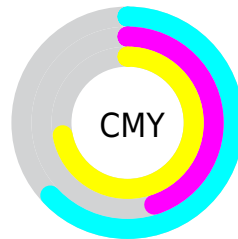


Cyan (33%)

Magenta (0%)

Yellow (50%)

Black (45%)



Cyan (63%)

Magenta (45%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2783, 21.8844, 9.3801 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 15.2783, 21.8844, 9.3801 by changing the saturation by 10% instead.

■ 15.2783, 21.8844,
9.3801

■ 15.2783, 21.8844,
9.3801

218.3997,
261.9420, 196.5099

■ 9.1025, 13.7720,
4.8897

■ 34.9083, 46.5549,
25.2121

■ 4.8658, 7.9622,
2.1251

■ 49.0933, 63.8817,
37.3909

■ 2.2027, 4.0708,
0.6307

■ 66.6787, 85.0488,
52.9695

■ 0.7441, 1.7132,
0.0000

■ 88.0299, 110.4405,
72.3666

■ 0.0000, 0.4322,
0.0000

■ 113.5122,
140.4413, 96.0006

■ 0.0000, 0.0000,
0.0000

143.4911,

175.4356, 124.2902

178.3318,
215.8077, 157.6538

■ 15.2783, 21.8844,
9.3801

■ 15.2783, 21.8844,
9.3801

■ 13.9654, 21.2546,
7.2245

■ 16.8164, 22.6195,
12.0953

■ 12.8644, 20.7221,
5.5882

■ 18.5890, 23.4619,
15.4041

■ 11.9631, 20.2822,
4.4274


■ 20.6064, 24.4169,
19.3392


■ 11.2468, 19.9285,
3.6910


■ 22.8781, 25.4887,
23.9307


■ 10.6848, 19.6481,
3.2437


■ 25.4129, 26.6813,
29.2068

 10.6668, 19.6391,
3.2285

 28.2193, 27.9985,
35.1938

 31.3053, 29.4437,
41.9169

 34.6786, 31.0206,
49.3999

 38.3465, 32.7323,
57.6654

Harmonies

Analogous

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



18.9126, 21.8844, 6.4389



15.2783, 21.8844, 9.3801



13.3198, 21.8844, 16.8461

Triad

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



15.2783, 21.8844, 9.3801



18.1931, 21.8844, 57.9983



30.9303, 21.8844, 18.6733

Complementary

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



15.2783, 21.8844, 9.3801



14.5332, 10.2818, 26.4192

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.



30.6600, 21.8844, 32.5142



15.2783, 21.8844, 9.3801



22.8100, 21.8844, 59.0833

Square

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



15.2783, 21.8844, 9.3801



14.8202, 21.8844, 45.9103



27.5148, 21.8844, 48.4775



28.2055, 21.8844, 10.2820

Rectangle

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



15.2783, 21.8844, 9.3801



13.0159, 21.8844, 24.9520



27.5148, 21.8844, 48.4775



31.1972, 21.8844, 22.7390

Sweetspot

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



15.2788, 21.8853, 9.3806



38.6029, 44.5283, 38.0394



18.5620, 18.9971, 8.6500



8.4574, 9.8678, 8.1652



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.2788, 21.8853, 9.3806



24.6594, 37.8933, 12.3945



13.6726, 21.0098, 11.4514



5.4994, 6.1101, 5.7789



9.7410, 17.9143, 2.9444



0.1145, 0.1823, 0.0292

Inverse Universe

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



14.5332, 10.2818, 26.4192



23.1274, 14.5079, 46.7092



17.2233, 11.7637, 22.2491



5.4564, 5.4235, 6.7880



8.6733, 3.9649, 23.2852



0.1062, 0.0499, 0.2237

Previews

White Background



This preview shows how the XYZ color 15.2783, 21.8844, 9.3801 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



This preview shows how the XYZ color 15.2783, 21.8844, 9.3801 looks on a 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 15.2783, 21.8844, 9.3801

Background



This preview shows how black text looks on a background with the XYZ color 15.2783, 21.8844, 9.3801.



This preview shows how white text looks on a background with the XYZ color 15.2783, 21.8844,

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

15.2783, 21.8844, 9.3801

Protanopia

19.8876, 21.5944, 8.4301

Deuteranopia

21.9743, 21.5088, 9.8309



Tritanopia

19.3654, 21.8528, 29.5829

Trichromacy



Original Color

15.2783, 21.8844, 9.3801

Protanomaly

17.8884, 21.5524, 8.6861

Deuteranomaly

18.7592, 21.1815, 9.5783

Tritanomaly

17.4945, 21.7175, 20.0994

Monochromacy



Original Color

15.2783, 21.8844, 9.3801

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.4181, 19.4530, 15.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2783, 21.8844, 9.3801 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(94, 141, 71)` looks like.

```
.text, #text, p{  
    color:rgb(94, 141, 71)  
}
```

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(94, 141, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 141, 71) }
```

Border

The CSS property to change the border of an element to XYZ 15.2783, 21.8844, 9.3801 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(94, 141, 71) }
```


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

```
.border{ border-color:rgb(94, 141, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 141, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 141, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 141, 71);  
box-shadow:4px 4px 4px 4px rgb(94, 141,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2783, 21.8844, 9.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 141, 71) }
```

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

```
.background{ background-color: rgb(94, 141,  
71) }
```

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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