

Converting Colors

XYZ(14.4488, 19.2686, 12.8397)

Have a look what the booklet for
XYZ(14.4488, 19.2686, 12.8397)
contains.

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Color

**XYZ(14.4183, 19.2632,
12.8558)**

Conversions

Conversions Part 1

Format	Color
Hex	5C835B
RGB	92, 131, 91
RGB Percent	36%, 51%, 36%
CMY	0.6392, 0.4863, 0.6431
CMYK	0.30, 0.00, 0.31, 0.49
HSL	119°, 18%, 44%
HSV	119°, 31%, 51%
XYZ	14.4183, 19.2632, 12.8558
YIQ	114.7790, -10.4040, -20.7080

Conversions

Conversions Part 2

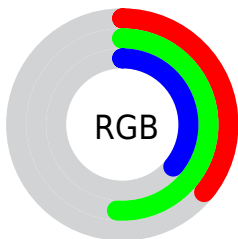
Format	Color
R_{YB}	91, 131, 130
Decimal	6062939
CIE _{Lab}	50.99, -22.10, 17.39
CIE _{LCh}	51, 28.124, 141.807
Yxy	19.2632, 0.3098, 0.4139
Android (android.graphics.Color)	4284253019 (0xFF5C835B)
YUV	114.7790, -11.7230, -19.9772
Hunter-Lab	43.8899, -18.1681, 13.3562

Details

The XYZ color **14.4183, 19.2632, 12.8558** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.0444, 13.8672, 23.2519**, and the grayscale version is **16.2658, 17.1129, 18.6359**.

A 20% lighter version of the original color is **33.2759, 42.0437, 31.5607**, and **4.4548, 6.6098, 3.5236** is the 20% darker color. If you saturate the color by 10%, you get **12.7317, 18.4540, 10.0801**, and if you desaturate by 10%, it is **16.4197, 20.2244, 16.1621**.

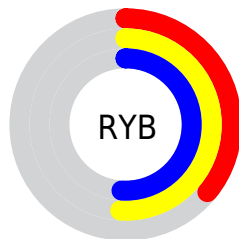
Distribution



Red (36%)

Green (51%)

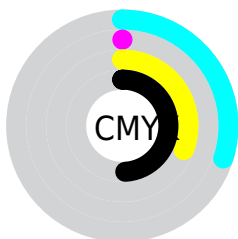
Blue (36%)



Red (36%)

Yellow (51%)

Blue (51%)

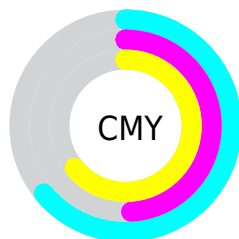


Cyan (30%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4183, 19.2632, 12.8558 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 14.4183, 19.2632, 12.8558 by changing the saturation by 10% instead.

■ 14.4183, 19.2632,
12.8558

■ 14.4183, 19.2632,
12.8558

213.2767,
247.8979, 221.1667

■ 8.4958, 11.8606,
7.1998

■ 33.4095, 42.1784,
31.7319

■ 4.4683, 6.6488,
3.5070

■ 47.2090, 58.4598,
45.7890

■ 1.9703, 3.2435,
1.3590

■ 64.3648, 78.4695,
63.4835

■ 0.6172, 1.2601,
0.1094

■ 85.2423, 102.5921,
85.2340

■ 0.0000, 0.1100,
0.0000

110.2069,
131.2118, 111.4591

■ 0.0000, 0.0000,
0.0000

139.6239,

164.7131, 142.5772

173.8588,
203.4803, 179.0069

■ 14.4183, 19.2632,
12.8558

■ 14.4183, 19.2632,
12.8558

■ 12.7317, 18.4540,
10.0801

■ 16.4197, 20.2244,
16.1621

■ 11.3426, 17.7868,
7.8062

■ 18.7492, 21.3423,
20.0232

■ 10.2341, 17.2541,
6.0045

■ 21.4213, 22.6243,
24.4635

■ 9.3871, 16.8467,
4.6419

■ 24.4488, 24.0766,
29.5054

■ 8.7802, 16.5545,
3.6808

■ 27.8443, 25.7051,
35.1702

■ 8.3885, 16.3655,
3.0775

■ 31.6194, 27.5156,
41.4781

■ 8.1576, 16.2544,
2.7075

■ 35.7855, 29.5133,
48.4485

■ 40.3533, 31.7035,
56.0999

■ 45.3332, 34.0911,
64.4500

Harmonies

Analogous

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



16.3929, 19.2632, 9.7231



14.4183, 19.2632, 12.8558



13.5081, 19.2632, 18.8658

Triad

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



14.4183, 19.2632, 12.8558



17.5572, 19.2632, 40.0871



23.7386, 19.2632, 15.7823

Complementary

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



14.4183, 19.2632, 12.8558



17.0444, 13.8672, 23.2519

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.



24.1309, 19.2632, 23.2345



14.4183, 19.2632, 12.8558



20.3691, 19.2632, 38.6569

Square

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



14.4183, 19.2632, 12.8558



15.1965, 19.2632, 35.4667



22.8435, 19.2632, 31.9453



21.8201, 19.2632, 11.0905

Rectangle

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



14.4183, 19.2632, 12.8558



13.5560, 19.2632, 24.2679



22.8435, 19.2632, 31.9453



24.0606, 19.2632, 17.9931

Sweetspot

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



14.4188, 19.2640, 12.8562



34.1737, 38.5054, 36.8504



19.1875, 21.4582, 13.0284



7.8223, 8.9006, 8.3571



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.



14.4188, 19.2640, 12.8562



23.5553, 33.4091, 19.2930



15.2276, 19.5761, 17.6334



4.6263, 5.2099, 4.9911



8.0300, 15.9995, 2.6650



0.0285, 0.0558, 0.0093

Inverse Universe

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



17.0444, 13.8672, 23.2519



29.0807, 22.0478, 41.1761



16.0450, 13.4852, 17.1846



4.8467, 4.7571, 5.8635



12.7551, 6.1096, 21.6437



0.0451, 0.0216, 0.0750

Previews

White Background



This preview shows how the XYZ color 14.4183, 19.2632, 12.8558 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 14.4183, 19.2632, 12.8558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

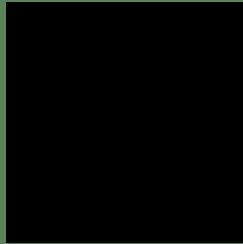
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4183, 19.2632, 12.8558

Background



This preview shows how black text looks on a background with the XYZ color 14.4183, 19.2632, 12.8558.



This preview shows how white text looks on a background with the XYZ color 14.4183, 19.2632,

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

14.4183, 19.2632, 12.8558

Protanopia

17.7636, 19.1087, 11.7689

Deuteranopia

19.4211, 19.0497, 13.2430



Tritanopia

16.9623, 19.1258, 25.7193

Trichromacy



Original Color

14.4183, 19.2632, 12.8558

Protanomaly

16.2975, 19.0848, 12.0573

Deuteranomaly

17.1253, 18.7501, 13.0725

Tritanomaly

15.8489, 19.0520, 20.2948

Monochromacy



Original Color

14.4183, 19.2632, 12.8558

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.5023, 17.8412, 16.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4183, 19.2632, 12.8558 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(92, 131, 91)` looks like.

```
.text, #text, p{  
    color:rgb(92, 131, 91)  
}
```

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(92, 131, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 131, 91) }
```

Border

The CSS property to change the border of an element to XYZ 14.4183, 19.2632, 12.8558 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(92, 131, 91) }
```


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

```
.border{ border-color:rgb(92, 131, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 131, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 131, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 131, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 131,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4183, 19.2632, 12.8558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 131, 91) }
```

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

```
.background{ background-color: rgb(92, 131,  
91) }
```

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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