

Converting Colors

XYZ(14.3357, 19.4405, 12.0141)

Have a look what the booklet for
XYZ(14.3357, 19.4405, 12.0141)
contains.

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Color

**XYZ(14.3852, 19.4660,
12.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8457
RGB	92, 132, 87
RGB Percent	36%, 52%, 34%
CMY	0.6392, 0.4823, 0.6588
CMYK	0.30, 0.00, 0.34, 0.48
HSL	113°, 21%, 43%
HSV	113°, 34%, 52%
XYZ	14.3852, 19.4660, 12.0160
YIQ	114.9100, -9.3950, -22.4750

Conversions

Conversions Part 2

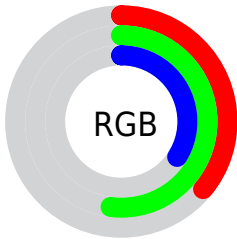
Format	Color
RYB	87, 132, 127
Decimal	6063191
CIELab	51.23, -23.32, 19.98
CIELCh	51, 30.706, 139.410
Yxy	19.4660, 0.3136, 0.4244
Android (android.graphics.Color)	4284253271 (0xFF5C8457)
YUV	114.9100, -13.7596, -20.0921
Hunter-Lab	44.1203, -19.0115, 14.7368

Details

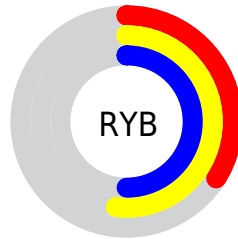
The XYZ color **14.3852, 19.4660, 12.0160** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.3264, 12.9950, 23.4787**, and the grayscale version is **16.3113, 17.1607, 18.6880**.

A 20% lighter version of the original color is **33.1920, 42.3437, 30.0907**, and **4.4562, 6.7302, 3.1620** is the 20% darker color. If you saturate the color by 10%, you get **12.8118, 18.7122, 9.3801**, and if you desaturate by 10%, it is **16.2398, 20.3546, 15.1808**.

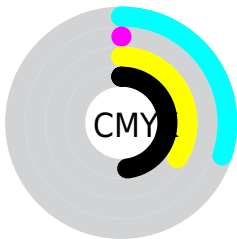
Distribution



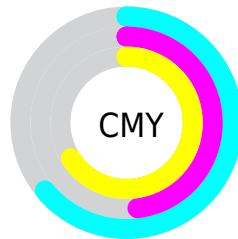
- Red (36%)
- Green (52%)
- Blue (34%)



- Red (34%)
- Yellow (52%)
- Blue (50%)



- Cyan (30%)
- Magenta (0%)
- Yellow (34%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3852, 19.4660, 12.0160 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 14.3852, 19.4660, 12.0160 by changing the saturation by 10% instead.

■ 14.3852, 19.4660,
12.0160

■ 14.3852, 19.4660,
12.0160

213.0772,
249.0094, 215.4929

■ 8.4726, 12.0075,
6.6319

■ 33.3515, 42.5201,
30.1891

■ 4.4531, 6.7488,
3.1580

■ 47.1360, 58.8844,
43.8151

■ 1.9615, 3.3055,
1.1759

■ 64.2750, 78.9861,
61.0256

■ 0.6122, 1.2932,
0.0000

■ 85.1340, 103.2096,
82.2390

■ 0.0000, 0.1359,
0.0000

■ 110.0784,
131.9393, 107.8739

■ 0.0000, 0.0000,
0.0000

139.4735,

165.5596, 138.3488

173.6846,
204.4548, 174.0823

■ 14.3852, 19.4660,
12.0160

■ 14.3852, 19.4660,
12.0160

■ 12.8118, 18.7122,
9.3801

■ 16.2398, 20.3546,
15.1808

■ 11.5045, 18.0842,
7.2430

■ 18.3870, 21.3814,
18.8997

■ 10.4487, 17.5758,
5.5737

■ 20.8392, 22.5529,
23.1979

■ 9.6283, 17.1794,
4.3371

■ 23.6076, 23.8745,
28.0988

■ 9.0249, 16.8863,
3.4932

■ 26.7031, 25.3512,
33.6242

■ 8.6165, 16.6865,
2.9907

■ 30.1359, 26.9878,
39.7951

■ 8.4432, 16.6021,
2.7595

■ 33.9157, 28.7890,
46.6315

■ 38.0520, 30.7591,
54.1523

■ 42.5536, 32.9025,
62.3760

Harmonies

Analogous

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



16.6152, 19.4660, 8.9469



14.3852, 19.4660, 12.0160



13.3017, 19.4660, 18.2478

Triad

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



14.3852, 19.4660, 12.0160



17.4419, 19.4660, 42.4385



24.6220, 19.4660, 16.0756

Complementary

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



14.3852, 19.4660, 12.0160



16.3264, 12.9950, 23.4787

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.



24.9064, 19.4660, 24.4439



14.3852, 19.4660, 12.0160



20.5261, 19.4660, 41.3823

Square

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



14.3852, 19.4660, 12.0160



14.9328, 19.4660, 36.7324



23.3373, 19.4660, 34.1524



22.5985, 19.4660, 10.8044

Rectangle

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



14.3852, 19.4660, 12.0160



13.2848, 19.4660, 24.0703



23.3373, 19.4660, 34.1524



24.9320, 19.4660, 18.5586

Sweetspot

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



14.3857, 19.4668, 12.0164



33.9929, 38.4288, 36.0952



18.7941, 20.7089, 12.0238



7.7959, 8.8905, 8.1967



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.



14.3857, 19.4668, 12.0164



23.1292, 33.2297, 17.4559



14.6938, 19.5343, 16.1600



4.6608, 5.2277, 4.9928



8.1774, 16.0755, 2.6719



0.0312, 0.0572, 0.0094

Inverse Universe

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



16.3264, 12.9950, 23.4787



27.0892, 19.9973, 40.8853



16.0048, 12.9545, 17.8020



4.8083, 4.7373, 5.8617



11.1826, 5.2990, 21.5701



0.0423, 0.0202, 0.0749

Previews

White Background



This preview shows how the XYZ color 14.3852, 19.4660, 12.0160 looks on a white background.

Color Contrast Check

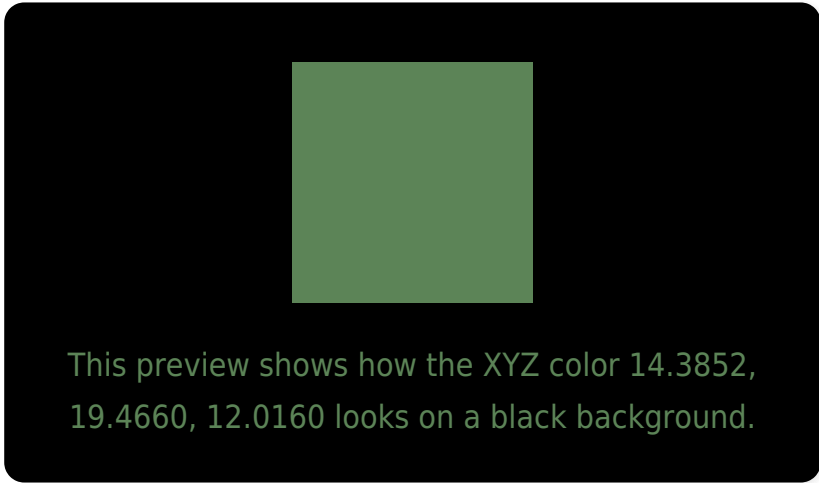
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3852, 19.4660, 12.0160

Background



This preview shows how black text looks on a background with the XYZ color 14.3852, 19.4660, 12.0160.



This preview shows how white text looks on a background with the XYZ color 14.3852, 19.4660,

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

14.3852, 19.4660, 12.0160

Protanopia

18.0366, 19.4491, 10.9870

Deuteranopia

19.7084, 19.3901, 12.3768



Tritanopia

17.2716, 19.4660, 26.1396

Trichromacy



Original Color

14.3852, 19.4660, 12.0160

Protanomaly

16.3972, 19.3437, 11.2570

Deuteranomaly

17.2202, 19.0003, 12.2110

Tritanomaly

16.0262, 19.3430, 20.0284

Monochromacy



Original Color

14.3852, 19.4660, 12.0160

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4506, 17.8205, 15.9900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3852, 19.4660, 12.0160 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, 132, 87)` looks like.

```
.text, #text, p{  
    color:rgb(92, 132, 87)  
}
```

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, 132, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.3852, 19.4660, 12.0160 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, 132, 87) }
```


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

```
.border{ border-color:rgb(92, 132, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 132, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 87);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3852, 19.4660, 12.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 132, 87) }
```

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

```
.background{ background-color: rgb(92, 132,  
87) }
```

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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