

Converting Colors

XYZ(14.1187, 19.2789, 16.0150)

Have a look what the booklet for
XYZ(14.1187, 19.2789, 16.0150)
contains.

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Color

**XYZ(14.1433, 19.2513,
16.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	518468
RGB	81, 132, 104
RGB Percent	32%, 52%, 41%
CMY	0.6823, 0.4823, 0.5922
CMYK	0.39, 0.00, 0.21, 0.48
HSL	147°, 24%, 42%
HSV	147°, 39%, 52%
XYZ	14.1433, 19.2513, 16.0672
YIQ	113.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

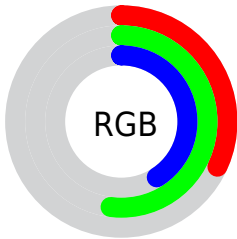
Format	Color
R_{YB}	81, 116, 132
Decimal	5342312
CIE _{Lab}	50.98, -23.75, 9.80
CIE _{LCh}	51, 25.691, 157.588
Yxy	19.2513, 0.2859, 0.3892
Android (android.graphics.Color)	4283532392 (0xFF518468)
YUV	113.5590, -4.7126, -28.5542
Hunter-Lab	43.8763, -19.2450, 9.0018

Details

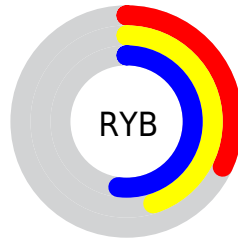
The XYZ color **14.1433, 19.2513, 16.0672** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.2191, 11.8950, 15.9625**, and the grayscale version is **15.8809, 16.7080, 18.1950**.

A 20% lighter version of the original color is **32.7811, 41.9700, 37.3836**, and **4.3515, 6.6371, 4.9226** is the 20% darker color. If you saturate the color by 10%, you get **12.7679, 18.5835, 14.1633**, and if you desaturate by 10%, it is **15.7714, 20.0467, 18.1490**.

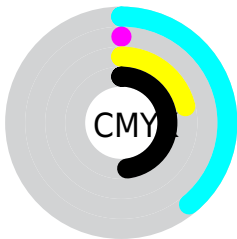
Distribution



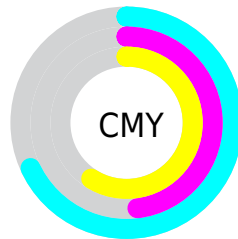
- Red (32%)
- Green (52%)
- Blue (41%)



- Red (32%)
- Yellow (45%)
- Blue (52%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (48%)



- Cyan (68%)
- Magenta (48%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1433, 19.2513, 16.0672 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 14.1433, 19.2513, 16.0672 by changing the saturation by 10% instead.

■ 14.1433, 19.2513,
16.0672

■ 14.1433, 19.2513,
16.0672

211.6133,
247.8326, 241.5972

■ 8.3028, 11.8520,
9.4168

■ 32.9272, 42.1583,
37.4832

■ 4.3427, 6.6430,
4.9136

■ 46.6013, 58.4348,
53.0860

■ 1.8978, 3.2398,
2.1388

■ 63.6173, 78.4392,
72.5100

■ 0.5756, 1.2582,
0.6387

■ 84.3406, 102.5558,
96.1737

■ 0.0000, 0.1085,
0.0000

■ 109.1365,
131.1690, 124.4958

■ 0.0000, 0.0000,
0.0000

138.3703,

164.6633, 157.8947

172.4075,
203.4230, 196.7890

■ 14.1433, 19.2513,
16.0672

■ 14.1433, 19.2513,
16.0672

■ 12.7679, 18.5835,
14.1633

■ 15.7714, 20.0467,
18.1490

■ 11.6299, 18.0340,
12.4311

■ 17.6630, 20.9738,
20.4119

■ 10.7150, 17.5960,
10.8661

■ 19.8305, 22.0392,
22.8608

■ 10.0064, 17.2611,
9.4631

■ 22.2846, 23.2485,
25.4998

■ 9.4848, 17.0192,
8.2164

■ 25.0359, 24.6070,
28.3331

■ 9.1035, 16.8466,
7.1189

■ 28.0940, 26.1196,
31.3647

■ 9.0548, 16.8245,
6.9802

■ 31.4684, 27.7910,
34.5984

■ 35.1680, 29.6260,
38.0379

■ 39.2014, 31.6287,
41.6869

Harmonies

Analogous

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



15.4770, 19.2513, 11.7152



14.1433, 19.2513, 16.0672



13.8703, 19.2513, 22.8634

Triad

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



14.1433, 19.2513, 16.0672



18.9504, 19.2513, 38.1112



22.4479, 19.2513, 13.5337

Complementary

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



14.1433, 19.2513, 16.0672



15.2191, 11.8950, 15.9625

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.



23.5794, 19.2513, 19.1679



14.1433, 19.2513, 16.0672



21.4420, 19.2513, 34.1161

Square

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



14.1433, 19.2513, 16.0672



16.4978, 19.2513, 36.7364



23.1952, 19.2513, 26.7604



20.2241, 19.2513, 10.5060

Rectangle

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



14.1433, 19.2513, 16.0672



14.3009, 19.2513, 28.1304



23.1952, 19.2513, 26.7604



22.9776, 19.2513, 15.1273

Sweetspot

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



14.1438, 19.2521, 16.0676



33.4861, 38.1101, 38.6628



16.0499, 20.3518, 10.8672



7.7008, 8.8259, 8.8941



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.



14.1438, 19.2521, 16.0676



22.8508, 32.9085, 25.4667



15.6377, 19.8496, 23.9341



4.6971, 5.2371, 5.4162



8.7696, 16.2907, 6.7723



0.0340, 0.0579, 0.0424

Inverse Universe

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



15.2191, 11.8950, 15.9625



25.0135, 18.1011, 25.2480



14.0414, 11.4239, 9.7607



4.7716, 4.7283, 5.4094



10.3639, 5.2099, 6.4884



0.0396, 0.0195, 0.0419

Previews

White Background



This preview shows how the XYZ color 14.1433, 19.2513, 16.0672 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 14.1433, 19.2513, 16.0672 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 14.1433, 19.2513, 16.0672

Background



This preview shows how black text looks on a background with the XYZ color 14.1433, 19.2513, 16.0672.



This preview shows how white text looks on a background with the XYZ color 14.1433, 19.2513,

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

14.1433, 19.2513, 16.0672

Protanopia

17.9441, 19.1458, 14.3050

Deuteranopia

19.2158, 18.8707, 16.5395



Tritanopia

16.2966, 19.1376, 26.8798

Trichromacy



Original Color

14.1433, 19.2513, 16.0672

Protanomaly

16.1894, 18.9668, 14.8643

Deuteranomaly

16.8972, 18.7416, 16.3626

Tritanomaly

15.4539, 19.1853, 22.6273

Monochromacy



Original Color

14.1433, 19.2513, 16.0672

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.1313, 17.6253, 17.3564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1433, 19.2513, 16.0672 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(81, 132, 104)` looks like.

```
.text, #text, p{  
    color:rgb(81, 132, 104)  
}
```

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(81, 132, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 132, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.1433, 19.2513, 16.0672 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(81, 132, 104) }
```


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

```
.border{ border-color:rgb(81, 132, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 132, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 132, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 132, 104);  
box-shadow:4px 4px 4px 4px rgb(81, 132,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1433, 19.2513, 16.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 132, 104) }
```

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

```
.background{ background-color: rgb(81, 132,  
104) }
```

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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