

Converting Colors

XYZ(14.0985, 21.3947, 16.0812)

Have a look what the booklet for
XYZ(14.0985, 21.3947, 16.0812)
contains.

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Color

**XYZ(14.0579, 21.3294,
15.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8E66
RGB	62, 142, 102
RGB Percent	24%, 56%, 40%
CMY	0.7569, 0.4431, 0.6000
CMYK	0.56, 0.00, 0.28, 0.44
HSL	150°, 39%, 40%
HSV	150°, 56%, 56%
XYZ	14.0579, 21.3294, 15.9464
YIQ	113.5200, -34.8400, -29.4000

Conversions

Conversions Part 2

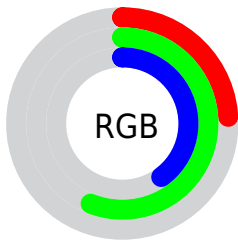
Format	Color
RYB	62, 115, 142
Decimal	4099686
CIELab	53.31, -34.32, 14.07
CIElCh	53, 37.094, 157.701
Yxy	21.3294, 0.2739, 0.4155
Android (android.graphics.Color)	4282289766 (0xFF3E8E66)
YUV	113.5200, -5.6794, -45.1830
Hunter-Lab	46.1838, -26.4879, 11.8569

Details

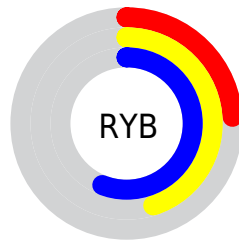
The XYZ color **14.0579, 21.3294, 15.9464** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.2770, 10.1559, 13.7265**, and the grayscale version is **15.8750, 16.7018, 18.1882**.

A 20% lighter version of the original color is **32.6922, 45.4928, 37.1949**, and **4.4307, 7.7580, 4.8784** is the 20% darker color. If you saturate the color by 10%, you get **12.9440, 20.7947, 14.1344**, and if you desaturate by 10%, it is **15.4358, 21.9979, 17.9291**.

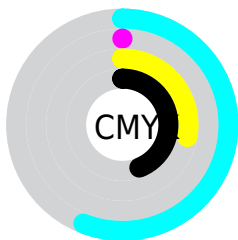
Distribution



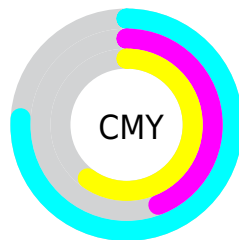
- Red (24%)
- Green (56%)
- Blue (40%)



- Red (24%)
- Yellow (45%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0579, 21.3294, 15.9464 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 14.0579, 21.3294, 15.9464 by changing the saturation by 10% instead.

■ 14.0579, 21.3294,
15.9464

■ 14.0579, 21.3294,
15.9464

211.0941,
259.0239, 240.8601

■ 8.2429, 13.3650,
9.3323

■ 32.7771, 45.6351,
37.2706

■ 4.3039, 7.6804,
4.8588

■ 46.4121, 62.7452,
52.8178

■ 1.8754, 3.8911,
2.1074

■ 63.3844, 83.6726,
72.1798

■ 0.5625, 1.6128,
0.6201

■ 84.0595, 108.8018,
95.7751

■ 0.0000, 0.3662,
0.0000

■ 108.8026,
138.5172, 124.0222

■ 0.0000, 0.0000,
0.0000

137.9792,

173.2030, 157.3397

171.9546,
213.2438, 196.1462

■ 14.0579, 21.3294,
15.9464

■ 14.0579, 21.3294,
15.9464

■ 12.9440, 20.7947,
14.1344

■ 15.4358, 21.9979,
17.9291

■ 12.0732, 20.3813,
12.4869

■ 17.0933, 22.8063,
20.0858

■ 11.4238, 20.0788,
10.9993

■ 19.0467, 23.7637,
22.4212

■ 10.9611, 19.8693,
9.6656

■ 21.3105, 24.8773,
24.9397

■ 10.8106, 19.8016,
9.2134

■ 23.8984, 26.1542,
27.6452

■ 26.8229, 27.6008,
30.5417

■ 30.0962, 29.2232,
33.6331

■ 33.7296, 31.0272,
36.9229

■ 37.7340, 33.0184,
40.4148

Harmonies

Analogous

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



15.9965, 21.3294, 9.9708



14.0579, 21.3294, 15.9464



13.6724, 21.3294, 26.2446

Triad

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



14.0579, 21.3294, 15.9464



21.3019, 21.3294, 51.9257



26.8542, 21.3294, 12.3498

Complementary

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



14.0579, 21.3294, 15.9464



15.2770, 10.1559, 13.7265

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.



28.7152, 21.3294, 20.4447



14.0579, 21.3294, 15.9464



25.2507, 21.3294, 44.8830

Square

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



14.0579, 21.3294, 15.9464



17.5404, 21.3294, 49.5316



28.0934, 21.3294, 32.4349



23.2755, 21.3294, 8.4107

Rectangle

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



14.0579, 21.3294, 15.9464



14.2949, 21.3294, 34.7985



28.0934, 21.3294, 32.4349



27.7211, 21.3294, 14.5513

Sweetspot

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



14.0585, 21.3303, 15.9469



37.1464, 43.6548, 43.5110



16.1751, 22.5980, 8.0672



8.1376, 9.6721, 9.5448



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.



14.0585, 21.3303, 15.9469



22.3083, 36.4220, 23.9995



16.4433, 22.2842, 28.5050



5.4483, 6.0715, 6.3264



9.7153, 17.7820, 8.3209



0.1040, 0.1745, 0.1380

Inverse Universe

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



15.2770, 10.1559, 13.7265



24.6848, 14.6284, 19.6690



13.7851, 9.5592, 5.8706



5.5143, 5.4662, 6.2062



11.0464, 5.5756, 5.8954



0.1167, 0.0577, 0.1148

Previews

White Background



This preview shows how the XYZ color 14.0579, 21.3294, 15.9464 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 14.0579, 21.3294, 15.9464 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 14.0579, 21.3294, 15.9464

Background



This preview shows how black text looks on a background with the XYZ color 14.0579, 21.3294, 15.9464.



This preview shows how white text looks on a background with the XYZ color 14.0579, 21.3294,

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

14.0579, 21.3294, 15.9464

Protanopia

19.6798, 20.9822, 13.8392

Deuteranopia

21.4151, 21.0707, 16.5740



Tritanopia

17.0511, 21.2514, 30.8070

Trichromacy



Original Color

14.0579, 21.3294, 15.9464

Protanomaly

16.7625, 20.6356, 14.6549

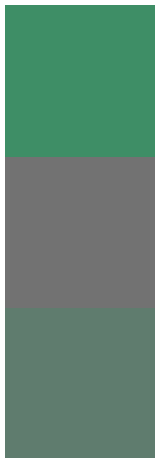
Deuteranomaly

17.4703, 20.3653, 16.3747

Tritanomaly

15.7837, 21.1552, 24.7242

Monochromacy



Original Color

14.0579, 21.3294, 15.9464

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.7414, 17.9740, 17.4442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0579, 21.3294, 15.9464 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(62, 142, 102)` looks like.

```
.text, #text, p{  
    color:rgb(62, 142, 102)  
}
```

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(62, 142, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 142, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.0579, 21.3294, 15.9464 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(62, 142, 102) }
```


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

```
.border{ border-color:rgb(62, 142, 102) }
```

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

Here you see how a box with a 4 pixel rgb(62, 142, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 142, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 142, 102);  
box-shadow:4px 4px 4px 4px rgb(62, 142,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0579, 21.3294, 15.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 142, 102) }
```

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

```
.background{ background-color: rgb(62, 142,  
102) }
```

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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