

Converting Colors

XYZ(15.1361, 24.9895, 14.5250)

Have a look what the booklet for
XYZ(15.1361, 24.9895, 14.5250)
contains.

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Color

**XYZ(15.1579, 24.9809,
14.6126)**

Conversions

Conversions Part 1

Format	Color
Hex	349B5E
RGB	52, 155, 94
RGB Percent	20%, 61%, 37%
CMY	0.7961, 0.3921, 0.6314
CMYK	0.66, 0.00, 0.39, 0.39
HSL	144°, 50%, 41%
HSV	144°, 66%, 61%
XYZ	15.1579, 24.9809, 14.6126
YIQ	117.2490, -41.8070, -40.8070

Conversions

Conversions Part 2

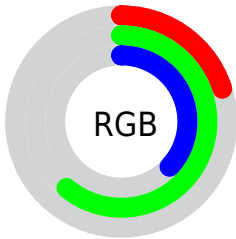
Format	Color
RYB	52, 125, 155
Decimal	3447646
CIELab	57.06, -43.75, 23.56
CIELCh	57, 49.695, 151.696
Yxy	24.9809, 0.2768, 0.4563
Android (android.graphics.Color)	4281637726 (0xFF349B5E)
YUV	117.2490, -11.4618, -57.2234
Hunter-Lab	49.9809, -33.3322, 17.6524

Details

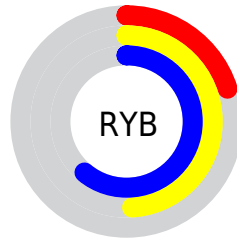
The XYZ color **15.1579, 24.9809, 14.6126** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.7270, 10.6173, 16.7386**, and the grayscale version is **17.0301, 17.9170, 19.5116**.

A 20% lighter version of the original color is **34.5878, 51.4525, 34.8964**, and **5.3633, 9.9057, 4.3186** is the 20% darker color. If you saturate the color by 10%, you get **14.0996, 24.4808, 12.5395**, and if you desaturate by 10%, it is **16.5284, 25.6377, 16.9573**.

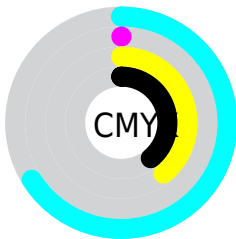
Distribution



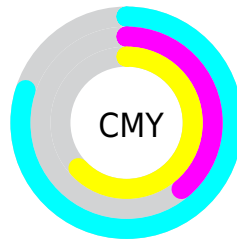
- Red (20%)
- Green (61%)
- Blue (37%)



- Red (20%)
- Yellow (49%)
- Blue (61%)



- Cyan (66%)
- Magenta (0%)
- Yellow (39%)
- Black (39%)



- Cyan (80%)
- Magenta (39%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1579, 24.9809, 14.6126 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 15.1579, 24.9809, 14.6126 by changing the saturation by 10% instead.

■ 15.1579, 24.9809,
14.6126

■ 15.1579, 24.9809,
14.6126

217.6894,
277.7428, 232.5687

■ 9.0173, 16.0628,
8.4044

■ 34.6993, 51.6262,
34.9048

■ 4.8097, 9.5686,
4.2633

■ 48.8309, 70.1223,
49.8258

■ 2.1696, 5.1139,
1.7709

■ 66.3568, 92.5798,
68.4881

■ 0.7267, 2.3142,
0.4086

■ 87.6425, 119.3831,
91.3103

■ 0.0000, 0.7812,
0.0000

■ 113.0532,
150.9167, 118.7109

■ 0.0000, 0.0000,
0.0000

142.9544,

187.5649, 151.1085

177.7113,
229.7122, 188.9216

■ 15.1579, 24.9809,
14.6126

■ 15.1579, 24.9809,
14.6126

■ 14.0996, 24.4808,
12.5395

■ 16.5284, 25.6377,
16.9573

■ 13.3232, 24.1199,
10.7258

■ 18.2341, 26.4606,
19.5814

■ 12.7877, 23.8779,
9.1609

■ 20.2977, 27.4621,
22.4946

■ 12.6247, 23.8048,
8.6620

■ 22.7395, 28.6524,
25.7057

■ 25.5780, 30.0408,
29.2230

■ 28.8308, 31.6362,
33.0545

■ 32.5140, 33.4468,
37.2077

■ 36.6431, 35.4805,
41.6902

■ 41.2327, 37.7447,
46.5091

Harmonies

Analogous

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



18.3136, 24.9809, 7.9741



15.1579, 24.9809, 14.6126



14.1866, 24.9809, 28.1637

Triad

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



15.1579, 24.9809, 14.6126



24.0778, 24.9809, 73.7383



34.6499, 24.9809, 13.5491

Complementary

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



15.1579, 24.9809, 14.6126



17.7270, 10.6173, 16.7386

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.



36.8455, 24.9809, 26.2584



15.1579, 24.9809, 14.6126



30.1530, 24.9809, 64.8163

Square

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



15.1579, 24.9809, 14.6126



18.8024, 24.9809, 66.5306



35.0796, 24.9809, 45.4985



29.4824, 24.9809, 7.5611

Rectangle

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



15.1579, 24.9809, 14.6126



14.7555, 24.9809, 40.9214



35.0796, 24.9809, 45.4985



35.7949, 24.9809, 16.9501

Sweetspot

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



15.1585, 24.9819, 14.6132



43.7166, 52.7750, 49.7858



19.2554, 27.2557, 7.4950



9.5950, 11.7986, 10.8964



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.1585, 24.9819, 14.6132



24.4799, 43.4811, 20.7396



18.2260, 26.2089, 30.7662



6.2313, 6.9653, 7.1417



10.1579, 19.1266, 7.0521



0.1692, 0.2929, 0.1969

Inverse Universe

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



17.7270, 10.6173, 16.7386



29.4023, 15.7872, 24.6914



15.6240, 9.7761, 5.6645



6.3545, 6.2810, 7.2471



12.4211, 6.2227, 8.7424



0.2037, 0.1002, 0.2254

Previews

White Background



This preview shows how the XYZ color 15.1579, 24.9809, 14.6126 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 15.1579, 24.9809, 14.6126 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 15.1579, 24.9809, 14.6126

Background



This preview shows how black text looks on a background with the XYZ color 15.1579, 24.9809, 14.6126.



This preview shows how white text looks on a background with the XYZ color 15.1579, 24.9809,

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

15.1579, 24.9809, 14.6126

Protanopia

22.6966, 24.5761, 12.3515

Deuteranopia

24.9808, 24.4624, 15.4617



Tritanopia

19.5158, 24.8265, 36.5643

Trichromacy



Original Color

15.1579, 24.9809, 14.6126



Protanomaly

18.4357, 23.8769, 13.0882



Deuteranomaly

19.3224, 23.4120, 15.0558



Tritanomaly

17.5263, 24.7202, 26.7694

Monochromacy



Original Color

15.1579, 24.9809, 14.6126



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

15.3908, 19.6639, 17.4523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1579, 24.9809, 14.6126 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(52, 155, 94)` looks like.

```
.text, #text, p{  
    color:rgb(52, 155, 94)  
}
```

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(52, 155, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 155, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.1579, 24.9809, 14.6126 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(52, 155, 94) }
```


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

```
.border{ border-color:rgb(52, 155, 94) }
```

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

Here you see how a box with a 4 pixel rgb(52, 155, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 155, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 155, 94);  
box-shadow:4px 4px 4px 4px rgb(52, 155,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1579, 24.9809, 14.6126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 155, 94) }
```

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

```
.background{ background-color: rgb(52, 155,  
94) }
```

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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