

Converting Colors

XYZ(15.4075, 23.7967, 19.1102)

Have a look what the booklet for
XYZ(15.4075, 23.7967, 19.1102)
contains.

XYZ(15.4065, 23.7948, 19.1101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.4065, 23.7948,
19.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	379670
RGB	55, 150, 112
RGB Percent	22%, 59%, 44%
CMY	0.7843, 0.4118, 0.5608
CMYK	0.63, 0.00, 0.25, 0.41
HSL	156°, 46%, 40%
HSV	156°, 63%, 59%
XYZ	15.4065, 23.7948, 19.1101
YIQ	117.2630, -44.4220, -31.9580

Conversions

Conversions Part 2

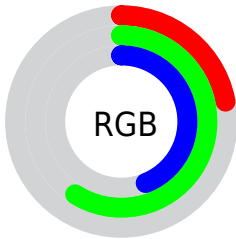
Format	Color
RYB	55, 114, 150
Decimal	3642992
CIELab	55.88, -37.21, 11.96
CIELCh	56, 39.088, 162.189
Yxy	23.7948, 0.2642, 0.4081
Android (android.graphics.Color)	4281833072 (0xFF379670)
YUV	117.2630, -2.5947, -54.6047
Hunter-Lab	48.7799, -28.9880, 10.9184

Details

The XYZ color **15.4065, 23.7948, 19.1101** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.9204, 10.0072, 11.4491**, and the grayscale version is **17.0083, 17.8940, 19.4866**.

A 20% lighter version of the original color is **35.2143, 49.7877, 42.8760**, and **5.2931, 9.1055, 6.3291** is the 20% darker color. If you saturate the color by 10%, you get **14.3835, 23.3054, 17.3763**, and if you desaturate by 10%, it is **16.7028, 24.4238, 20.9740**.

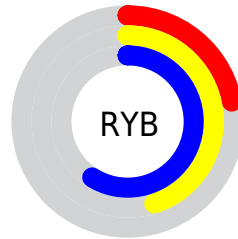
Distribution



Red (22%)

Green (59%)

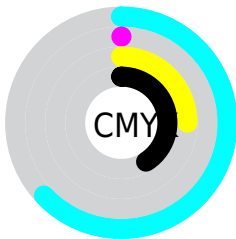
Blue (44%)



Red (22%)

Yellow (45%)

Blue (59%)

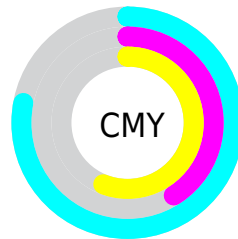


Cyan (63%)

Magenta (0%)

Yellow (25%)

Black (41%)



Cyan (78%)

Magenta (41%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4065, 23.7948, 19.1101 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 15.4065, 23.7948, 19.1101 by changing the saturation by 10% instead.

■ 15.4065, 23.7948,
19.1101

■ 15.4065, 23.7948,
19.1101

219.1536,
271.7814, 259.4989

■ 9.1933, 15.1815,
11.5722

■ 35.1306, 49.6951,
42.7592

■ 4.9256, 8.9468,
6.3341

■ 49.3722, 67.7509,
59.7076

■ 2.2380, 4.7065,
2.9772

■ 67.0207, 89.7230,
80.6299

■ 0.7627, 2.0761,
1.0830

■ 88.4414, 115.9958,
105.9446

■ 0.0000, 0.6511,
0.0000

■ 113.9997,
146.9536, 136.0703

■ 0.0000, 0.0000,
0.0000

144.0609,

182.9809, 171.4256

178.9904,
224.4620, 212.4289

■ 15.4065, 23.7948,
19.1101

■ 15.4065, 23.7948,
19.1101

■ 14.3835, 23.3054,
17.3763

■ 16.7028, 24.4238,
20.9740

■ 13.6080, 22.9404,
15.7675

■ 18.2915, 25.2003,
22.9695

■ 13.0524, 22.6863,
14.2808

■ 20.1920, 26.1348,
25.1002

■ 12.7523, 22.5518,
13.3537

■ 22.4215, 27.2363,
27.3688

■ 24.9959, 28.5127,
29.7783

■ 27.9300, 29.9718,
32.3313

■ 31.2377, 31.6207,
35.0303

■ 34.9323, 33.4662,
37.8778

■ 39.0263, 35.5146,
40.8763

Harmonies

Analogous

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



17.3411, 23.7948, 11.6589



15.4065, 23.7948, 19.1101



15.2389, 23.7948, 31.4365

Triad

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



15.4065, 23.7948, 19.1101



24.4720, 23.7948, 58.0163



29.5697, 23.7948, 12.6863

Complementary

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



15.4065, 23.7948, 19.1101



15.9204, 10.0072, 11.4491

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.



32.0571, 23.7948, 21.0698



15.4065, 23.7948, 19.1101



28.8655, 23.7948, 48.6473

Square

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



15.4065, 23.7948, 19.1101



20.0977, 23.7948, 56.9574



31.7837, 23.7948, 34.1537



25.3369, 23.7948, 8.8760

Rectangle

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



15.4065, 23.7948, 19.1101



16.1181, 23.7948, 41.2844



31.7837, 23.7948, 34.1537



30.6612, 23.7948, 14.9208

Sweetspot

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



15.4071, 23.7958, 19.1106



41.2915, 48.9180, 49.9512



16.2728, 24.5002, 7.4860



8.8978, 10.7155, 10.8286



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.4071, 23.7958, 19.1106



24.7622, 40.8334, 29.4552



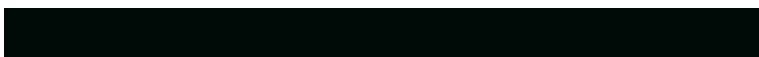
16.7667, 22.3860, 32.2926



5.8669, 6.5233, 6.9098



10.5921, 18.7096, 11.1597



0.1442, 0.2348, 0.2135

Inverse Universe

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



15.9204, 10.0072, 11.4491



25.7658, 14.4659, 14.9146



15.0408, 10.3061, 4.8112



5.8912, 5.8515, 6.5330



11.1232, 5.6543, 4.1298



0.1500, 0.0748, 0.1237

Previews

White Background



This preview shows how the XYZ color 15.4065, 23.7948, 19.1101 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 15.4065, 23.7948, 19.1101 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 15.4065, 23.7948, 19.1101

Background



This preview shows how black text looks on a background with the XYZ color 15.4065, 23.7948, 19.1101.



This preview shows how white text looks on a background with the XYZ color 15.4065, 23.7948,

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

15.4065, 23.7948, 19.1101

Protanopia

22.0415, 23.5253, 16.4758

Deuteranopia

23.8790, 23.3981, 20.0873



Tritanopia

18.5725, 23.6864, 35.0455

Trichromacy



Original Color

15.4065, 23.7948, 19.1101

Protanomaly

18.3169, 22.8418, 17.3534

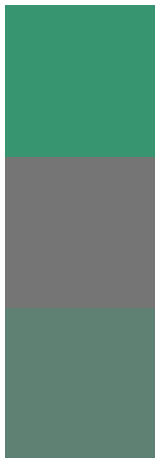
Deuteranomaly

19.2348, 22.6280, 19.5735

Tritanomaly

17.1925, 23.5750, 28.4552

Monochromacy



Original Color

15.4065, 23.7948, 19.1101

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.5609, 19.3180, 19.1283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4065, 23.7948, 19.1101 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(55, 150, 112)` looks like.

```
.text, #text, p{  
    color:rgb(55, 150, 112)  
}
```

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(55, 150, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 150, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.4065, 23.7948, 19.1101 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(55, 150, 112) }
```


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

```
.border{ border-color:rgb(55, 150, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 150, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 150, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 150, 112);  
box-shadow:4px 4px 4px 4px rgb(55, 150,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4065, 23.7948, 19.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 150, 112) }
```

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

```
.background{ background-color: rgb(55, 150,  
112) }
```

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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