

Converting Colors

XYZ(14.3029, 19.1938, 9.3310)

Have a look what the booklet for
XYZ(14.3029, 19.1938, 9.3310)
contains.

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Color

**XYZ(14.3559, 19.3103,
9.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	628349
RGB	98, 131, 73
RGB Percent	38%, 51%, 29%
CMY	0.6157, 0.4863, 0.7137
CMYK	0.25, 0.00, 0.44, 0.49
HSL	94°, 28%, 40%
HSV	94°, 44%, 51%
XYZ	14.3559, 19.3103, 9.2740
YIQ	114.5210, -1.0500, -25.0340

Conversions

Conversions Part 2

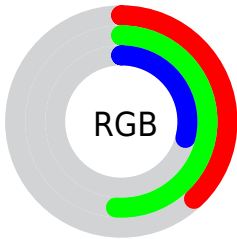
Format	Color
RYB	73, 131, 106
Decimal	6456137
CIELab	51.05, -22.72, 27.60
CIELCh	51, 35.754, 129.462
Yxy	19.3103, 0.3343, 0.4497
Android (android.graphics.Color)	4284646217 (0xFF628349)
YUV	114.5210, -20.4699, -14.4889
Hunter-Lab	43.9435, -18.5869, 18.2477

Details

The XYZ color **14.3559, 19.3103, 9.2740** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.4240, 9.4686, 22.6466**, and the grayscale version is **16.2113, 17.0556, 18.5735**.

A 20% lighter version of the original color is **33.2933, 42.1951, 25.1286**, and **4.4069, 6.6170, 2.0818** is the 20% darker color. If you saturate the color by 10%, you get **13.1995, 18.7597, 7.1866**, and if you desaturate by 10%, it is **15.6797, 19.9378, 11.8477**.

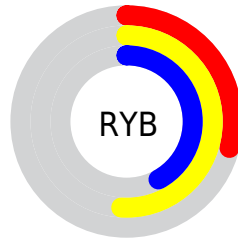
Distribution



Red (38%)

Green (51%)

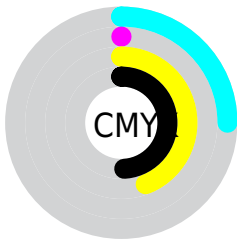
Blue (29%)



Red (29%)

Yellow (51%)

Blue (42%)

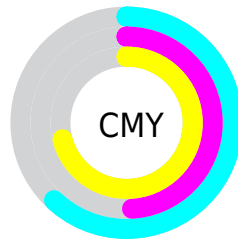


Cyan (25%)

Magenta (0%)

Yellow (44%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3559, 19.3103, 9.2740 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 14.3559, 19.3103, 9.2740 by changing the saturation by 10% instead.

■ 14.3559, 19.3103,
9.2740

■ 14.3559, 19.3103,
9.2740

212.9004,
248.1565, 195.7017

■ 8.4520, 11.8947,
4.8211

■ 33.3002, 42.2578,
25.0068

■ 4.4397, 6.6720,
2.0858

■ 47.0713, 58.5585,
37.1238

■ 1.9538, 3.2578,
0.6073

■ 64.1955, 78.5896,
52.6325

■ 0.6078, 1.2678,
0.0000

■ 85.0381, 102.7357,
71.9516

■ 0.0000, 0.1161,
0.0000

■ 109.9646,
131.3810, 95.4995

■ 0.0000, 0.0000,
0.0000

139.3402,

164.9099, 123.6948

173.5304,
203.7070, 156.9560

■ 14.3559, 19.3103,
9.2740

■ 14.3559, 19.3103,
9.2740

■ 13.1995, 18.7597,
7.1866

■ 15.6797, 19.9378,
11.8477

■ 12.2012, 18.2802,
5.5537

■ 17.1768, 20.6428,
14.9343

■ 11.3529, 17.8689,
4.3415

■ 18.8543, 21.4290,
18.5603

■ 10.6451, 17.5216,
3.5112

■ 20.7187, 22.2994,
22.7495

■ 10.0657, 17.2334,
3.0112

■ 22.7760, 23.2564,
27.5248

■ 9.7735, 17.0875,
2.7831

■ 25.0319, 24.3025,
32.9074

■ 27.4919, 25.4403,
38.9177

■ 30.1614, 26.6718,
45.5750

■ 33.0454, 27.9995,
52.8979

Harmonies

Analogous

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



17.2567, 19.3103, 7.0558



14.3559, 19.3103, 9.2740



12.6853, 19.3103, 14.8970

Triad

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



14.3559, 19.3103, 9.2740



16.0662, 19.3103, 45.0968



25.9265, 19.3103, 17.9788

Complementary

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



14.3559, 19.3103, 9.2740



12.4240, 9.4686, 22.6466

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.



25.5005, 19.3103, 28.6396



14.3559, 19.3103, 9.2740



19.4966, 19.3103, 46.7373

Square

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



14.3559, 19.3103, 9.2740



13.5810, 19.3103, 36.0220



23.0327, 19.3103, 39.9705



24.1314, 19.3103, 10.9040

Rectangle

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



14.3559, 19.3103, 9.2740



12.3501, 19.3103, 20.8429



23.0327, 19.3103, 39.9705



26.0430, 19.3103, 21.2094

Sweetspot

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



14.3564, 19.3111, 9.2744



34.0730, 38.5182, 33.9220



15.7038, 15.5877, 8.4847



7.7893, 8.9007, 7.5809



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.



14.3564, 19.3111, 9.2744



23.6463, 33.5979, 12.8863



12.1994, 18.1839, 9.8638



4.7926, 5.2956, 4.9989



9.6230, 16.8208, 2.7396



0.0414, 0.0624, 0.0099

Inverse Universe

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



12.4240, 9.4686, 22.6466



19.7151, 13.6071, 40.0405



15.5829, 11.1267, 21.4516



4.6691, 4.6655, 5.8552



6.8566, 3.0689, 21.3677



0.0321, 0.0150, 0.0744

Previews

White Background



This preview shows how the XYZ color 14.3559, 19.3103, 9.2740 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 14.3559, 19.3103, 9.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

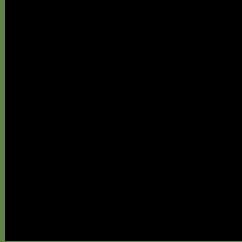
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3559, 19.3103, 9.2740

Background



This preview shows how black text looks on a background with the XYZ color 14.3559, 19.3103, 9.2740.



This preview shows how white text looks on a background with the XYZ color 14.3559, 19.3103,

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

14.3559, 19.3103, 9.2740

Protanopia

17.5844, 19.0910, 8.3883

Deuteranopia

19.4390, 19.1376, 9.6906



Tritanopia

17.5741, 19.2623, 25.3460

Trichromacy



Original Color

14.3559, 19.3103, 9.2740

Protanomaly

16.1848, 19.1025, 8.6285

Deuteranomaly

17.1951, 18.8637, 9.5722

Tritanomaly

16.2229, 19.2917, 18.1979

Monochromacy



Original Color

14.3559, 19.3103, 9.2740

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4443, 17.8461, 14.6872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3559, 19.3103, 9.2740 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(98, 131, 73)` looks like.

```
.text, #text, p{  
    color:rgb(98, 131, 73)  
}
```

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(98, 131, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 131, 73) }
```

Border

The CSS property to change the border of an element to XYZ 14.3559, 19.3103, 9.2740 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(98, 131, 73) }
```


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

```
.border{ border-color:rgb(98, 131, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 131, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 131, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 131, 73);  
box-shadow:4px 4px 4px 4px rgb(98, 131,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3559, 19.3103, 9.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 131, 73) }
```

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

```
.background{ background-color: rgb(98, 131,  
73) }
```

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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