

Converting Colors

XYZ(19.3434, 24.9373, 18.2314)

Have a look what the booklet for
XYZ(19.3434, 24.9373, 18.2314)
contains.

XYZ(19.3459, 24.9131, 18.2571)	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(19.3459, 24.9131,
18.2571)**

Conversions

Conversions Part 1

Format	Color
Hex	6D926D
RGB	109, 146, 109
RGB Percent	43%, 57%, 43%
CMY	0.5725, 0.4274, 0.5725
CMYK	0.25, 0.00, 0.25, 0.43
HSL	120°, 15%, 50%
HSV	120°, 25%, 57%
XYZ	19.3459, 24.9131, 18.2571
YIQ	130.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

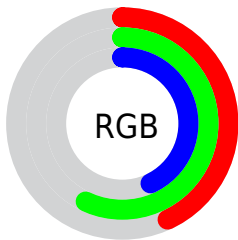
Format	Color
R _{YB}	109, 146, 146
Decimal	7180909
CIE _{Lab}	56.99, -20.50, 15.56
CIE _{LCh}	57, 25.735, 142.798
Yxy	24.9131, 0.3095, 0.3985
Android (android.graphics.Color)	4285370989 (0xFF6D926D)
YUV	130.7190, -10.7075, -19.0476
Hunter-Lab	49.9130, -18.1626, 13.2521

Details

The XYZ color **19.3459, 24.9131, 18.2571** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.5119, 19.1242, 29.7000**, and the grayscale version is **21.5133, 22.6336, 24.6480**.

A 20% lighter version of the original color is **41.7852, 51.4588, 41.4484**, and **6.7980, 9.4820, 5.8868** is the 20% darker color. If you saturate the color by 10%, you get **16.9751, 23.7750, 14.3787**, and if you desaturate by 10%, it is **22.1470, 26.2593, 22.8382**.

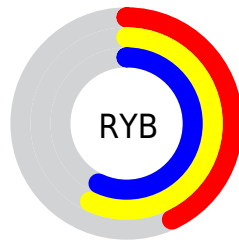
Distribution



Red (43%)

Green (57%)

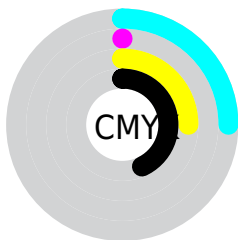
Blue (43%)



Red (43%)

Yellow (57%)

Blue (57%)

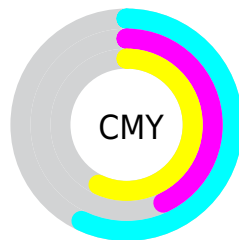


Cyan (25%)

Magenta (0%)

Yellow (25%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3459, 24.9131, 18.2571 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 19.3459, 24.9131, 18.2571 by changing the saturation by 10% instead.

■ 19.3459, 24.9131,
18.2571

■ 19.3459, 24.9131,
18.2571

241.2534,
277.4049, 254.6008

■ 12.0260, 16.0123,
10.9634

■ 41.8301, 51.5162,
41.2948

■ 6.8337, 9.5329,
5.9284

■ 57.7252, 69.9873,
57.8758

■ 3.4037, 5.0904,
2.7335

■ 77.2093, 92.4174,
78.3897

■ 1.3707, 2.3004,
0.9602

■ 100.6478,
119.1907, 103.2550

■ 0.2352, 0.7739,
0.0000

128.4061,
150.6917, 132.8902

■ 0.0000, 0.0000,
0.0000

160.8496,

187.3048, 167.7139

198.3435,
229.4144, 208.1446

■ 19.3459, 24.9131,
18.2571

■ 19.3459, 24.9131,
18.2571

■ 16.9751, 23.7750,
14.3787

■ 22.1470, 26.2593,
22.8382

■ 15.0114, 22.8318,
11.1667

■ 25.3961, 27.8200,
28.1527

■ 13.4326, 22.0734,
8.5842

■ 29.1123, 29.6051,
34.2312

■ 12.2133, 21.4877,
6.5899

■ 33.3131, 31.6230,
41.1024

■ 11.3253, 21.0612,
5.1374

■ 38.0151, 33.8816,
48.7933

■ 10.7363, 20.7782,
4.1738

■ 43.2340, 36.3885,
57.3297

■ 10.4017, 20.6175,
3.6266

■ 48.9849, 39.1509,
66.7362

■ 10.2794, 20.5587,
3.4265

■ 55.2822, 42.1759,
77.0366

■ 62.1399, 45.4700,
88.2535

Harmonies

Analogous

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



21.4982, 24.9131, 14.4952



19.3459, 24.9131, 18.2571



18.3695, 24.9131, 25.0928

Triad

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



19.3459, 24.9131, 18.2571



22.9581, 24.9131, 47.2122



29.4500, 24.9131, 21.1754

Complementary

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



19.3459, 24.9131, 18.2571



22.5119, 19.1242, 29.7000

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.



29.9245, 24.9131, 29.2664



19.3459, 24.9131, 18.2571



26.0028, 24.9131, 45.5412

Square

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



19.3459, 24.9131, 18.2571



20.3367, 24.9131, 42.6573



28.6155, 24.9131, 38.4833



27.3691, 24.9131, 15.9129

Rectangle

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



19.3459, 24.9131, 18.2571



18.4528, 24.9131, 30.9819



28.6155, 24.9131, 38.4833



29.8095, 24.9131, 23.6043

Sweetspot

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



19.3466, 24.9142, 18.2577



43.1020, 48.2601, 46.8858



24.8943, 27.7741, 18.5172



9.4088, 10.6496, 10.1363



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.3466, 24.9142, 18.2577



31.8340, 42.8475, 28.4549



20.4497, 25.3554, 24.0669



5.7296, 6.4684, 6.1870



9.0455, 18.0910, 3.0152



0.1107, 0.2214, 0.0369

Inverse Universe

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



22.5119, 19.1242, 29.7000



38.3281, 30.9685, 51.9306



21.1869, 18.5942, 22.7230



6.0353, 5.9092, 7.2922



14.9973, 7.2040, 24.5305



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 19.3459, 24.9131, 18.2571 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 19.3459, 24.9131, 18.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

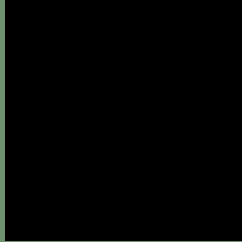
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3459, 24.9131, 18.2571

Background



This preview shows how black text looks on a background with the XYZ color 19.3459, 24.9131, 18.2571.



This preview shows how white text looks on a background with the XYZ color 19.3459, 24.9131,

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

19.3459, 24.9131, 18.2571

Protanopia

23.1569, 24.7188, 16.6474

Deuteranopia

25.1415, 24.6716, 18.7662



Tritanopia

22.3817, 24.8051, 33.3140

Trichromacy



Original Color

19.3459, 24.9131, 18.2571

Protanomaly

21.6525, 24.7833, 17.2781

Deuteranomaly

22.4886, 24.3315, 18.5501

Tritanomaly

21.0564, 24.7010, 26.9505

Monochromacy



Original Color

19.3459, 24.9131, 18.2571

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5477, 23.2493, 22.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3459, 24.9131, 18.2571 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(109, 146, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 109)  
}
```

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(109, 146, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.3459, 24.9131, 18.2571 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(109, 146, 109) }
```


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

```
.border{ border-color:rgb(109, 146, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 146, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 146, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 146, 109);  
box-shadow:4px 4px 4px 4px rgb(109, 146,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3459, 24.9131, 18.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 146, 109) }
```

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

```
.background{ background-color: rgb(109,  
146, 109) }
```

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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