

Converting Colors

XYZ(24.4971, 30.4922, 19.9823)

Have a look what the booklet for
XYZ(24.4971, 30.4922, 19.9823)
contains.

XYZ(24.5116, 30.4489, 19.9146)	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(24.5116, 30.4489,
19.9146)**

Conversions

Conversions Part 1

Format	Color
Hex	839E70
RGB	131, 158, 112
RGB Percent	51%, 62%, 44%
CMY	0.4863, 0.3804, 0.5608
CMYK	0.17, 0.00, 0.29, 0.38
HSL	95°, 19%, 53%
HSV	95°, 29%, 62%
XYZ	24.5116, 30.4489, 19.9146
YIQ	144.6830, -1.3260, -20.0300

Conversions

Conversions Part 2

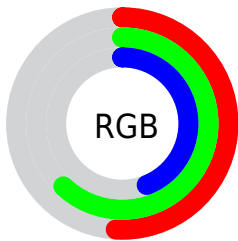
Format	Color
RYB	112, 158, 139
Decimal	8625776
CIELab	62.04, -18.12, 21.02
CIELCh	62, 27.754, 130.755
Yxy	30.4489, 0.3274, 0.4067
Android (android.graphics.Color)	4286815856 (0xFF839E70)
YUV	144.6830, -16.1127, -12.0000
Hunter-Lab	55.1805, -17.2749, 17.2287

Details

The XYZ color **24.5116, 30.4489, 19.9146** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.6145, 19.5468, 34.9304**, and the grayscale version is **26.8494, 28.2476, 30.7617**.

A 20% lighter version of the original color is **50.5027, 60.5831, 44.1539**, and **9.5764, 12.6349, 6.7845** is the 20% darker color. If you saturate the color by 10%, you get **22.3354, 29.4208, 15.6166**, and if you desaturate by 10%, it is **26.9724, 31.6077, 25.0331**.

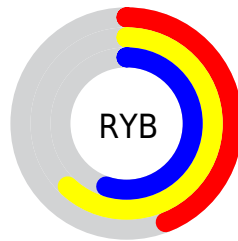
Distribution



Red (51%)

Green (62%)

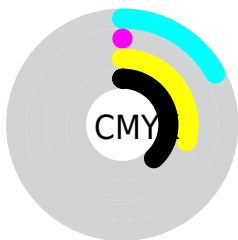
Blue (44%)



Red (44%)

Yellow (62%)

Blue (55%)

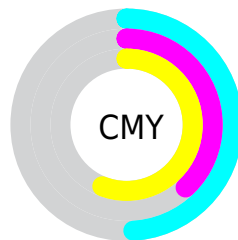


Cyan (17%)

Magenta (0%)

Yellow (29%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5116, 30.4489, 19.9146 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 24.5116, 30.4489, 19.9146 by changing the saturation by 10% instead.

■ 24.5116, 30.4489,
19.9146

■ 24.5116, 30.4489,
19.9146

267.7896,
303.9913, 264.0413

■ 15.8403, 20.1796,
12.1495

■ 50.3124, 60.3714,
44.1310

■ 9.5014, 12.5256,
6.7218

■ 68.1727, 80.7933,
61.4195

■ 5.1293, 7.1027,
3.2129

■ 89.8266, 105.3682,
82.7195

■ 2.3589, 3.5264,
1.2044

■ 115.6397,
134.4805, 108.4495

■ 0.8245, 1.4124,
0.0000

145.9771,
168.5145, 139.0282

■ 0.0000, 0.2258,
0.0000

181.2044,

■ 0.0000, 0.0000,

207.8548, 174.8740

0.0000

221.6867,
252.8856, 216.4056

■ 24.5116, 30.4489,
19.9146

■ 24.5116, 30.4489,
19.9146

■ 22.3354, 29.4208,
15.6166

■ 26.9724, 31.6077,
25.0331

■ 20.4300, 28.5145,
12.0944

■ 29.7262, 32.8979,
31.0097

■ 18.7839, 27.7260,
9.3022

■ 32.7839, 34.3252,
37.8820

■ 17.3837, 27.0495,
7.1885

■ 36.1550, 35.8939,
45.6848

■ 16.2145, 26.4787,
5.6951

■ 39.8487, 37.6079,
54.4510

■ 15.2595, 26.0062,
4.7540

■ 43.8738, 39.4710,
64.2121

■ 14.4871, 25.6190,
4.2216

■ 48.2387, 41.4870,
74.9980

■ 14.4244, 25.5876,
4.1786

■ 52.9514, 43.6593,
86.8372

■ 58.0197, 45.9914,
99.7574

Harmonies

Analogous

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



27.6245, 30.4489, 16.8068



24.5116, 30.4489, 19.9146



22.6907, 30.4489, 26.8408

Triad

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



24.5116, 30.4489, 19.9146



26.6432, 30.4489, 56.5399



36.5643, 30.4489, 29.4707

Complementary

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



24.5116, 30.4489, 19.9146



22.6145, 19.5468, 34.9304

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.



36.2445, 30.4489, 40.3860



24.5116, 30.4489, 19.9146



30.2982, 30.4489, 57.6694

Square

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



24.5116, 30.4489, 19.9146



23.8464, 30.4489, 48.4314



33.8737, 30.4489, 51.2493



34.7134, 30.4489, 21.4830

Rectangle

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



24.5116, 30.4489, 19.9146



22.3526, 30.4489, 33.4248



33.8737, 30.4489, 51.2493



36.7109, 30.4489, 32.8841

Sweetspot

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



24.5124, 30.4502, 19.9153



53.9477, 59.7243, 56.2392



26.2349, 26.8572, 19.1309



11.9992, 13.3884, 12.3192



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.5124, 30.4502, 19.9153



41.8585, 54.0410, 30.8733



22.0526, 29.1570, 20.9383



6.7973, 7.5281, 7.0805



11.5947, 20.5140, 3.3485



0.2542, 0.3910, 0.0621

Inverse Universe

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



22.6145, 19.5468, 34.9304



37.8299, 30.9156, 62.7169



25.7426, 21.1970, 33.3809



6.6390, 6.6179, 8.3341



8.5831, 3.8538, 26.1987



0.2008, 0.0933, 0.4707

Previews

White Background



This preview shows how the XYZ color 24.5116, 30.4489, 19.9146 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.5116, 30.4489, 19.9146 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 ✓ Pass

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

XYZ 24.5116, 30.4489, 19.9146

Background



This preview shows how black text looks on a background with the XYZ color 24.5116, 30.4489, 19.9146.



This preview shows how white text looks on a background with the XYZ color 24.5116, 30.4489,

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

24.5116, 30.4489, 19.9146

Protanopia

28.1522, 30.1547, 18.5240

Deuteranopia

30.9723, 30.4144, 20.4578



Tritanopia

28.3249, 30.2665, 38.9995

Trichromacy



Original Color

24.5116, 30.4489, 19.9146

Protanomaly

26.5662, 30.0446, 18.8670

Deuteranomaly

28.2819, 30.1834, 20.2549

Tritanomaly

26.7430, 30.3591, 30.8359

Monochromacy



Original Color

24.5116, 30.4489, 19.9146

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9552, 29.0816, 26.4356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5116, 30.4489, 19.9146 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(131, 158, 112)` looks like.

```
.text, #text, p{  
    color:rgb(131, 158, 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(131, 158, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 158, 112) }
```

Border

The CSS property to change the border of an element to XYZ 24.5116, 30.4489, 19.9146 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(131, 158, 112) }
```


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

```
.border{ border-color:rgb(131, 158, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 158, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 158, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 158, 112);  
box-shadow:4px 4px 4px 4px rgb(131, 158,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5116, 30.4489, 19.9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 158, 112) }
```

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

```
.background{ background-color: rgb(131,  
158, 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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