

Converting Colors

XYZ(30.5084, 31.7732, 39.8491)

Have a look what the booklet for
XYZ(30.5084, 31.7732, 39.8491)
contains.

XYZ(30.4865, 31.8524, 39.6633)	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(30.4865, 31.8524,
39.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	9599A4
RGB	149, 153, 164
RGB Percent	58%, 60%, 64%
CMY	0.4157, 0.4000, 0.3569
CMYK	0.09, 0.07, 0.00, 0.36
HSL	224°, 8%, 61%
HSV	224°, 9%, 64%
XYZ	30.4865, 31.8524, 39.6633
YIQ	153.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

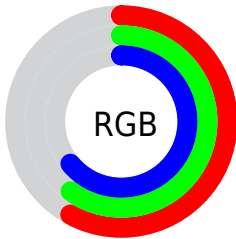
Format	Color
RYB	149, 152, 164
Decimal	9804196
CIELab	63.22, 0.79, -6.25
CIELCh	63, 6.299, 277.243
Yxy	31.8524, 0.2989, 0.3123
Android (android.graphics.Color)	4287994276 (0xFF9599A4)
YUV	153.0580, 5.3944, -3.5589
Hunter-Lab	56.4379, -2.3447, -2.1611

Details

The XYZ color **30.4865, 31.8524, 39.6633** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3055, 35.2037, 33.4739**, and the grayscale version is **30.2834, 31.8605, 34.6961**.

A 20% lighter version of the original color is **59.7276, 62.4366, 75.9213**, and **12.7130, 13.2693, 17.2204** is the 20% darker color. If you saturate the color by 10%, you get **25.8328, 26.6783, 38.9104**, and if you desaturate by 10%, it is **35.7617, 37.6431, 40.5035**.

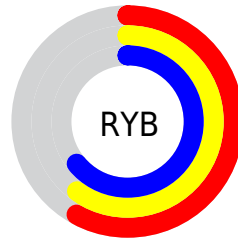
Distribution



Red (58%)

Green (60%)

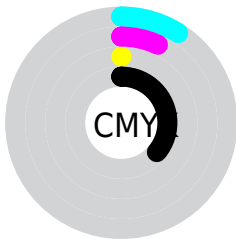
Blue (64%)



Red (58%)

Yellow (60%)

Blue (64%)

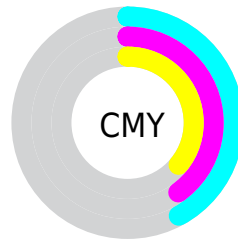


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4865, 31.8524, 39.6633 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 30.4865, 31.8524, 39.6633 by changing the saturation by 10% instead.

■ 30.4865, 31.8524,
39.6633

■ 30.4865, 31.8524,
39.6633

296.0349,
310.4463, 360.2122

■ 20.3581, 21.2488,
26.9643

■ 59.8121, 62.5796,
75.8820

■ 12.7654, 13.3060,
17.3142

■ 79.7399, 83.4720,
100.2388

■ 7.3430, 7.6396,
10.2945

103.6649,
108.5628, 129.3186

■ 3.7258, 3.8652,
5.4865

131.9524,
138.2364, 163.5401

■ 1.5482, 1.5984,
2.4717

164.9678,
172.8771, 203.3216

■ 0.3583, 0.3566,
0.8251

203.0765,

■ 0.0000, 0.0000,

212.8694, 249.0817

0.0000

246.6437,
258.5977, 301.2391

■ 30.4865, 31.8524,
39.6633

■ 30.4865, 31.8524,
39.6633

■ 25.8328, 26.6783,
38.9104

■ 35.7617, 37.6431,
40.5035

■ 21.7746, 22.0960,
38.2398

■ 41.6778, 44.0660,
41.4314

■ 18.2878, 18.0851,
37.6494

■ 48.2567, 51.1413,
42.4503

■ 15.3459, 14.6221,
37.1360

■ 55.5183, 58.8870,
43.5627

■ 12.9199, 11.6820,
36.6964

■ 63.4818, 67.3203,
44.7707

■ 10.9782, 9.2379,
36.3270

■ 72.1657, 76.4579,
46.0768

■ 9.4853, 7.2600,
36.0239

■ 78.2748, 84.6081,
47.3279

■ 8.4005, 5.7148,
35.7828

■ 81.8771, 91.8126,
48.5287

■ 7.6488, 4.5501,
35.5976

■ 83.7009, 95.4604,
49.1367

Harmonies

Analogous

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



29.6312, 31.8524, 39.2978



30.4865, 31.8524, 39.6633



31.3002, 31.8524, 38.6439

Triad

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



30.4865, 31.8524, 39.6633



31.6283, 31.8524, 31.8580



28.7558, 31.8524, 32.8586

Complementary

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



30.4865, 31.8524, 39.6633



33.3055, 35.2037, 33.4739

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.



29.2720, 31.8524, 31.0003



30.4865, 31.8524, 39.6633



30.9275, 31.8524, 30.4423

Square

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



30.4865, 31.8524, 39.6633



31.9675, 31.8524, 34.0803



30.0640, 31.8524, 30.1360



28.6428, 31.8524, 35.2904

Rectangle

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



30.4865, 31.8524, 39.6633



31.7058, 31.8524, 37.3436



30.0640, 31.8524, 30.1360



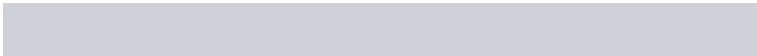
28.8874, 31.8524, 32.1497

Sweetspot

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



30.4874, 31.8537, 39.6640



61.0326, 64.0835, 72.9049



31.9937, 35.4704, 38.3039



13.1777, 13.8287, 15.9122



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.4874, 31.8537, 39.6640



53.5074, 55.7933, 71.7014



30.4445, 30.8753, 39.4774



6.8471, 7.1532, 8.9229



5.8563, 3.4921, 27.2952



0.1597, 0.1466, 0.5857

Inverse Universe

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



31.8078, 31.6879, 34.5785



56.4114, 55.4579, 60.5097



33.3484, 36.2725, 33.6779



7.1478, 7.1156, 7.7647



12.1015, 6.1966, 2.4591



0.2728, 0.1376, 0.1490

Previews

White Background



This preview shows how the XYZ color 30.4865, 31.8524, 39.6633 looks on a white background.

Color Contrast Check

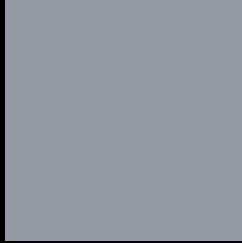
Large Text (above 18pt) WCAG AA × Fail

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 30.4865, 31.8524, 39.6633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

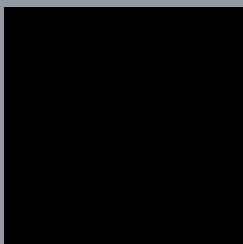
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

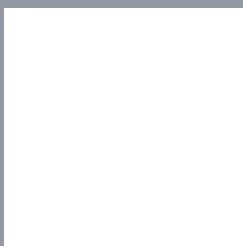
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4865, 31.8524, 39.6633

Background



This preview shows how black text looks on a background with the XYZ color 30.4865, 31.8524, 39.6633.



This preview shows how white text looks on a background with the XYZ color 30.4865, 31.8524,

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

30.4865, 31.8524, 39.6633

Protanopia

30.9760, 31.8731, 39.1698

Deuteranopia

32.4393, 31.8929, 40.0435



Tritanopia

30.5772, 31.8886, 40.1408

Trichromacy



Original Color

30.4865, 31.8524, 39.6633

Protanomaly

30.7880, 31.7762, 39.1611

Deuteranomaly

31.6025, 31.6974, 40.0499

Tritanomaly

30.5772, 31.8886, 40.1408

Monochromacy



Original Color

30.4865, 31.8524, 39.6633

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4259, 31.8922, 36.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4865, 31.8524, 39.6633 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(149, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 164)  
}
```

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(149, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.4865, 31.8524, 39.6633 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(149, 153, 164) }
```


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

```
.border{ border-color:rgb(149, 153, 164) }
```

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

Here you see how a box with a 4 pixel rgb(149, 153, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 164);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4865, 31.8524, 39.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 164) }
```

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

```
.background{ background-color: rgb(149,  
153, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor