

Converting Colors

XYZ(32.4726, 39.0551, 20.7564)

Have a look what the booklet for
XYZ(32.4726, 39.0551, 20.7564)
contains.

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Color

**XYZ(32.4973, 39.1786,
20.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAF6F
RGB	159, 175, 111
RGB Percent	62%, 69%, 44%
CMY	0.3765, 0.3137, 0.5647
CMYK	0.09, 0.00, 0.37, 0.31
HSL	75°, 29%, 56%
HSV	75°, 37%, 69%
XYZ	32.4973, 39.1786, 20.8884
YIQ	162.9200, 11.0080, -23.2960

Conversions

Conversions Part 2

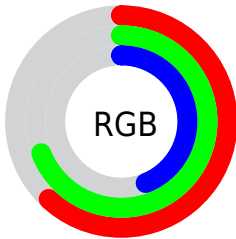
Format	Color
RYB	111, 175, 127
Decimal	10465135
CIELab	68.88, -16.24, 31.00
CIELCh	69, 34.992, 117.645
Yxy	39.1786, 0.3511, 0.4233
Android (android.graphics.Color)	4288655215 (0xFF9FAF6F)
YUV	162.9200, -25.5966, -3.4378
Hunter-Lab	62.5928, -16.8628, 24.0288

Details

The XYZ color **32.4973, 39.1786, 20.8884** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.1763, 18.9772, 43.0539**, and the grayscale version is **34.8892, 36.7062, 39.9730**.

A 20% lighter version of the original color is **62.9183, 74.0923, 45.6354**, and **13.8963, 17.5779, 7.2179** is the 20% darker color. If you saturate the color by 10%, you get **30.7744, 38.3923, 16.2613**, and if you desaturate by 10%, it is **34.4417, 40.0597, 26.5129**.

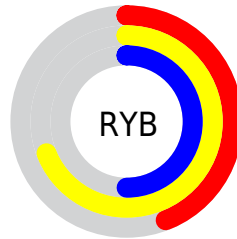
Distribution



Red (62%)

Green (69%)

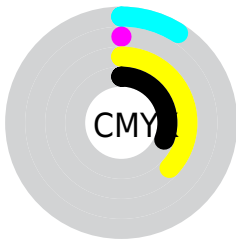
Blue (44%)



Red (44%)

Yellow (69%)

Blue (50%)

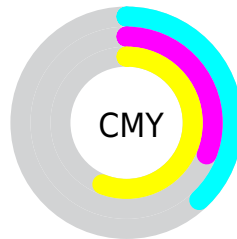


Cyan (9%)

Magenta (0%)

Yellow (37%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4973, 39.1786, 20.8884 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 32.4973, 39.1786, 20.8884 by changing the saturation by 10% instead.


 32.4973, 39.1786,
20.8884


 32.4973, 39.1786,
20.8884


305.0836,
342.6492, 269.4463

 21.8990, 26.8987,
12.8520


 62.9498, 73.9111,
45.7801


 13.8989, 17.4972,
7.1972


 83.5348, 97.1324,
63.4725

 8.1316, 10.5896,
3.5054


 108.1794,
124.7697, 85.2206

 4.2318, 5.7916,
1.3581

 137.2489,
157.2074, 111.4430

 1.8341, 2.7188,
0.1087

171.1087,
194.8298, 142.5583

 0.5381, 0.9867,
0.0000

210.1242,

 0.0000, 0.0000,

238.0213, 178.9849

0.0000

254.6607,
287.1663, 221.1414

■ 32.4973, 39.1786,
20.8884

■ 32.4973, 39.1786,
20.8884

■ 30.7744, 38.3923,
16.2613

■ 34.4417, 40.0597,
26.5129

■ 29.2587, 37.6910,
12.5707

■ 36.6151, 41.0348,
33.1860

■ 27.9386, 37.0715,
9.7531


■ 39.0284, 42.1093,
40.9582


■ 26.8000, 36.5280,
7.7359


■ 41.6905, 43.2871,
49.8760

■ 25.8267, 36.0540,
6.4350


■ 44.6103, 44.5715,
59.9835


 24.9961, 35.6405,
5.7341

 47.7957, 45.9660,
71.3221

 24.7286, 35.5064,
5.5501

 51.2547, 47.4737,
83.9316

 54.9948, 49.0976,
97.8496

 56.7712, 49.9399,
101.2549

Harmonies

Analogous

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



37.6789, 39.1786, 18.8075



32.4973, 39.1786, 20.8884



28.9219, 39.1786, 28.2890

Triad

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



32.4973, 39.1786, 20.8884



31.8078, 39.1786, 74.0805



48.9663, 39.1786, 43.9286

Complementary

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



32.4973, 39.1786, 20.8884



22.1763, 18.9772, 43.0539

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.



47.0127, 39.1786, 61.2195



32.4973, 39.1786, 20.8884



36.8008, 39.1786, 81.1185

Square

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



32.4973, 39.1786, 20.8884



28.5525, 39.1786, 58.4902



42.4189, 39.1786, 75.9120



47.5274, 39.1786, 29.9777

Rectangle

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



32.4973, 39.1786, 20.8884



27.7457, 39.1786, 36.4407



42.4189, 39.1786, 75.9120



48.6806, 39.1786, 49.5469

Sweetspot

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



32.4983, 39.1803, 20.8892



67.8441, 74.5007, 66.6724



28.1393, 25.4416, 18.4671



14.9524, 16.5022, 14.4113



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.4983, 39.1803, 20.8892



55.6438, 68.9993, 30.4956



26.9530, 36.3216, 20.6297



8.4641, 9.2279, 8.5484



17.7663, 25.4560, 3.9771



0.5404, 0.7319, 0.1128

Inverse Universe

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



22.1763, 18.9772, 43.0539



34.4200, 27.4272, 76.1167



27.7218, 21.8360, 43.3134



7.7596, 7.8504, 10.0590



6.3268, 2.6214, 29.2170



0.2260, 0.0987, 0.8151

Previews

White Background



This preview shows how the XYZ color 32.4973, 39.1786, 20.8884 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 32.4973, 39.1786, 20.8884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

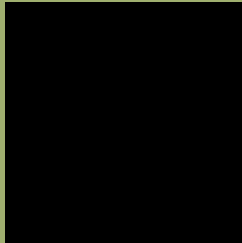
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4973, 39.1786, 20.8884

Background



This preview shows how black text looks on a background with the XYZ color 32.4973, 39.1786, 20.8884.



This preview shows how white text looks on a background with the XYZ color 32.4973, 39.1786,

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

32.4973, 39.1786, 20.8884

Protanopia

36.2378, 39.1553, 19.8351

Deuteranopia

39.8695, 39.1222, 21.3696



Tritanopia

38.2054, 39.2576, 48.7438

Trichromacy



Original Color

32.4973, 39.1786, 20.8884

Protanomaly

34.7788, 39.2286, 20.2068

Deuteranomaly

36.8666, 38.9038, 21.1889

Tritanomaly

35.8082, 39.1153, 36.6731

Monochromacy



Original Color

32.4973, 39.1786, 20.8884

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.7530, 37.3324, 31.8125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4973, 39.1786, 20.8884 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(159, 175, 111)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 111)  
}
```

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(159, 175, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 111) }
```

Border

The CSS property to change the border of an element to XYZ 32.4973, 39.1786, 20.8884 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(159, 175, 111) }
```


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

```
.border{ border-color:rgb(159, 175, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 175, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 111);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4973, 39.1786, 20.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 111) }
```

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

```
.background{ background-color: rgb(159,  
175, 111) }
```

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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