

Converting Colors

XYZ(30.4673, 32.0539, 39.8730)

Have a look what the booklet for
XYZ(30.4673, 32.0539, 39.8730)
contains.

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Color

**XYZ(30.4692, 32.0874,
39.7096)**

Conversions

Conversions Part 1

Format	Color
Hex	949AA4
RGB	148, 154, 164
RGB Percent	58%, 60%, 64%
CMY	0.4196, 0.3961, 0.3569
CMYK	0.10, 0.06, 0.00, 0.36
HSL	217°, 8%, 61%
HSV	217°, 10%, 64%
XYZ	30.4692, 32.0874, 39.7096
YIQ	153.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

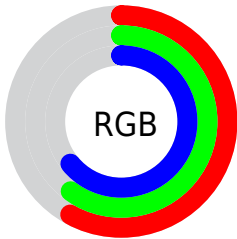
Format	Color
RYB	148, 152, 164
Decimal	9738916
CIELab	63.42, -0.11, -5.97
CIELCh	63, 5.971, 268.962
Yxy	32.0874, 0.2979, 0.3138
Android (android.graphics.Color)	4287928996 (0xFF949AA4)
YUV	153.3460, 5.2524, -4.6884
Hunter-Lab	56.6457, -3.1166, -1.9113

Details

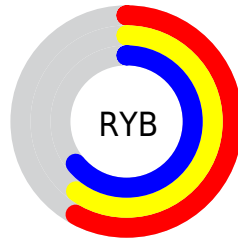
The XYZ color **30.4692, 32.0874, 39.7096** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8823, 34.4843, 32.9407**, and the grayscale version is **30.4097, 31.9934, 34.8408**.

A 20% lighter version of the original color is **59.6992, 62.7828, 75.9896**, and **12.7046, 13.4117, 17.2484** is the 20% darker color. If you saturate the color by 10%, you get **26.0907, 27.4263, 39.0412**, and if you desaturate by 10%, it is **35.4143, 37.2567, 40.4472**.

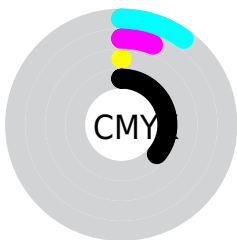
Distribution



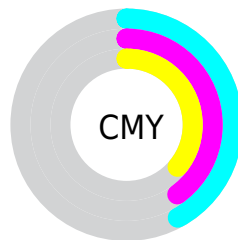
- Red (58%)
- Green (60%)
- Blue (64%)



- Red (58%)
- Yellow (60%)
- Blue (64%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4692, 32.0874, 39.7096 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 30.4692, 32.0874, 39.7096 by changing the saturation by 10% instead.

■ 30.4692, 32.0874,
39.7096

■ 30.4692, 32.0874,
39.7096

295.9562,
311.5172, 360.4137

■ 20.3448, 21.4283,
27.0001

■ 59.7850, 62.9481,
75.9533

■ 12.7557, 13.4374,
17.3409

■ 79.7070, 83.9184,
100.3247

■ 7.3364, 7.7304,
10.3133

103.6258,
109.0946, 129.4204

■ 3.7215, 3.9229,
5.4989

131.9065,
138.8610, 163.6591

■ 1.5458, 1.6306,
2.4790

164.9145,
173.6021, 203.4592

■ 0.3567, 0.3781,
0.8290

203.0152,

■ 0.0000, 0.0000,

213.7023, 249.2393

0.0000

246.5740,
259.5458, 301.4180

■ 30.4692, 32.0874,
39.7096

■ 30.4692, 32.0874,
39.7096

■ 26.0907, 27.4263,
39.0412

■ 35.4143, 37.2567,
40.4472

■ 22.2548, 23.2532,
38.4379

■ 40.9433, 42.9457,
41.2539

■ 18.9400, 19.5522,
37.8982

■ 47.0760, 49.1704,
42.1322

■ 16.1220, 16.3050,
37.4200

■ 53.8306, 55.9450,
43.0838

■ 13.7745, 13.4921,
37.0007

■ 61.2245, 63.2831,
44.1105

■ 11.8687, 11.0922,
36.6380

■ 69.2741, 71.1978,
45.2139

■ 10.3720, 9.0819,
36.3288

■ 75.0666, 78.1917,
46.2586

■ 9.2471, 7.4349,
36.0702

■ 77.9329, 83.9244,
47.2140

■ 8.4161, 6.1033,
35.8570

■ 80.9686, 89.9956,
48.2259

Harmonies

Analogous

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



29.6826, 32.0874, 39.0020



30.4692, 32.0874, 39.7096



31.2774, 32.0874, 39.0912

Triad

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



30.4692, 32.0874, 39.7096



31.9158, 32.0874, 32.7710



29.1511, 32.0874, 32.6337

Complementary

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



30.4692, 32.0874, 39.7096



32.8823, 34.4843, 32.9407

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.



29.7319, 32.0874, 31.0894



30.4692, 32.0874, 39.7096



31.3284, 32.0874, 31.1661

Square

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



30.4692, 32.0874, 39.7096



32.1217, 32.0874, 35.0206



30.5270, 32.0874, 30.5643



28.9302, 32.0874, 34.8550

Rectangle

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



30.4692, 32.0874, 39.7096



31.7177, 32.0874, 38.0253



30.5270, 32.0874, 30.5643



29.3101, 32.0874, 32.0220

Sweetspot

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



30.4701, 32.0887, 39.7103



61.2043, 64.4268, 72.9621



31.6489, 35.3115, 37.4359



13.2245, 13.9223, 15.9278



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.



30.4701, 32.0887, 39.7103



53.2503, 56.0711, 71.7685



29.8445, 30.3322, 39.4042



6.9080, 7.2750, 8.9432



6.4816, 4.7425, 27.5036



0.1806, 0.1885, 0.5927

Inverse Universe

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



31.7333, 31.4062, 34.9628



56.0883, 54.5886, 61.0901



33.5487, 36.3850, 33.2724



7.1785, 7.1279, 7.9266



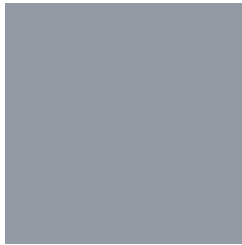
12.4171, 6.3229, 4.1209



0.2833, 0.1418, 0.2047

Previews

White Background



This preview shows how the XYZ color 30.4692, 32.0874, 39.7096 looks on a white background.

Color Contrast Check

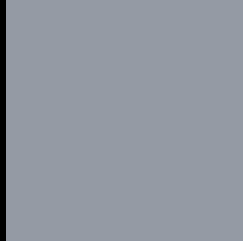
Large Text (above 18pt) WCAG AA × Fail

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 30.4692, 32.0874, 39.7096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

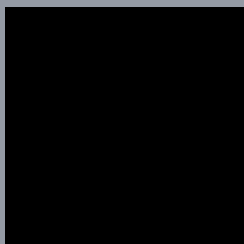
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

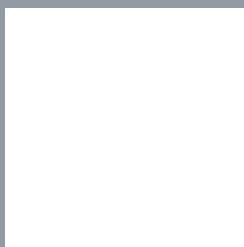
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4692, 32.0874, 39.7096

Background



This preview shows how black text looks on a background with the XYZ color 30.4692, 32.0874, 39.7096.



This preview shows how white text looks on a background with the XYZ color 30.4692, 32.0874,

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

30.4692, 32.0874, 39.7096

Protanopia

30.9760, 31.8731, 39.1698

Deuteranopia

32.6432, 31.9980, 40.0531



Tritanopia

30.6513, 32.1603, 40.6685

Trichromacy



Original Color

30.4692, 32.0874, 39.7096

Protanomaly

30.7646, 32.0061, 39.2067

Deuteranomaly

31.9587, 32.1189, 40.1125

Tritanomaly

30.5599, 32.1237, 40.1871

Monochromacy



Original Color

30.4692, 32.0874, 39.7096

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2395, 31.7961, 36.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4692, 32.0874, 39.7096 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(148, 154, 164) looks like.

```
.text, #text, p{  
    color:rgb(148, 154, 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(148, 154, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 154, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.4692, 32.0874, 39.7096 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(148, 154, 164) }
```


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

```
.border{ border-color:rgb(148, 154, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 154, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(148, 154,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4692, 32.0874, 39.7096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 154, 164) }
```

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

```
.background{ background-color: rgb(148,  
154, 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](#).

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