

Converting Colors

XYZ(31.7044, 32.0369, 48.7687)

Have a look what the booklet for
XYZ(31.7044, 32.0369, 48.7687)
contains.

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Color

**XYZ(31.7044, 32.0369,
48.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	9398B6
RGB	147, 152, 182
RGB Percent	58%, 60%, 71%
CMY	0.4235, 0.4039, 0.2863
CMYK	0.19, 0.16, 0.00, 0.29
HSL	231°, 19%, 65%
HSV	231°, 19%, 71%
XYZ	31.7044, 32.0369, 48.7687
YIQ	153.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

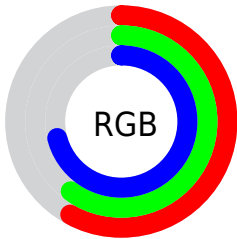
Format	Color
R_{YB}	147, 151, 182
Decimal	9672886
CIE _{Lab}	63.37, 4.63, -16.17
CIE _{LCh}	63, 16.823, 285.991
Yxy	32.0369, 0.2818, 0.2847
Android (android.graphics.Color)	4287862966 (0xFF9398B6)
YUV	153.9250, 13.8410, -6.0732
Hunter-Lab	56.6011, 0.9325, -11.4647

Details

The XYZ color **31.7044, 32.0369, 48.7687** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.2804, 43.4962, 33.8773**, and the grayscale version is **30.6283, 32.2233, 35.0912**.

A 20% lighter version of the original color is **61.5913, 62.7332, 89.7514**, and **13.4400, 13.3791, 22.6429** is the 20% darker color. If you saturate the color by 10%, you get **26.3280, 25.7513, 47.8394**, and if you desaturate by 10%, it is **37.9322, 39.2573, 49.8347**.

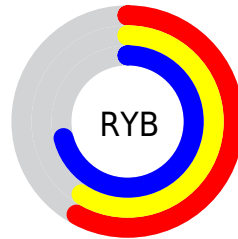
Distribution



Red (58%)

Green (60%)

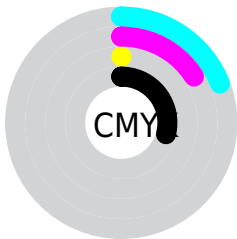
Blue (71%)



Red (58%)

Yellow (59%)

Blue (71%)

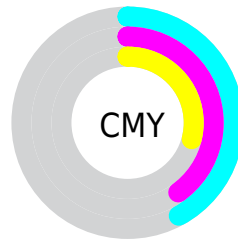


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7044, 32.0369, 48.7687 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 31.7044, 32.0369, 48.7687 by changing the saturation by 10% instead.

■ 31.7044, 32.0369,
48.7687

■ 31.7044, 32.0369,
48.7687

301.5398,
311.2873, 398.4273

■ 21.2903, 21.3897,
34.0717

■ 61.7157, 62.8689,
89.7253

■ 13.4500, 13.4091,
22.6709

■ 82.0436, 83.8225,
116.8219

■ 7.8183, 7.7109,
14.1477

106.4068,
108.9804, 148.8889

■ 4.0297, 3.9105,
8.0835

135.1707,
138.7269, 186.3447

■ 1.7190, 1.6236,
4.0599

168.7005,
173.4465, 229.6079

■ 0.4681, 0.3735,
1.6583

207.3618,

■ 0.0000, 0.0000,

213.5234, 279.0971

0.3319

251.5197,
259.3423, 335.2307

■ 0.0000, 0.0000,
0.0000

■ 31.7044, 32.0369,
48.7687

■ 31.7044, 32.0369,
48.7687

■ 26.3280, 25.7513,
47.8394

■ 37.9322, 39.2573,
49.8347

■ 21.7628, 20.3584,
47.0390

■ 45.0432, 47.4446,
51.0402

■ 17.9699, 15.8184,
46.3626

■ 53.0712, 56.6343,
52.3909

■ 14.9062, 12.0872,
45.8039

■ 62.0474, 66.8588,
53.8913

■ 12.5237, 9.1165,
45.3561

■ 72.0015, 78.1492,
55.5459

■ 10.7692, 6.8530,
45.0116

■ 82.5179, 90.3061,
57.3381

■ 9.5809, 5.2357,
44.7621

■ 85.4436, 96.1574,
58.3134

■ 8.8578, 4.1799,
44.5964

■ 8.8131, 4.1165,
44.5865

Harmonies

Analogous

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



29.3756, 32.0369, 48.9128



31.7044, 32.0369, 48.7687



33.7965, 32.0369, 44.6060

Triad

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



31.7044, 32.0369, 48.7687



33.6789, 32.0369, 26.4241



26.2964, 32.0369, 31.8602

Complementary

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



31.7044, 32.0369, 48.7687



40.2804, 43.4962, 33.8773

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.



27.3323, 32.0369, 26.6863



31.7044, 32.0369, 48.7687



31.5505, 32.0369, 23.8303

Square

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



31.7044, 32.0369, 48.7687



34.9756, 32.0369, 31.4574



29.2294, 32.0369, 23.9197



26.3328, 32.0369, 38.5481

Rectangle

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



31.7044, 32.0369, 48.7687



34.7405, 32.0369, 40.3834



29.2294, 32.0369, 23.9197



26.5283, 32.0369, 29.9057

Sweetspot

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



31.7054, 32.0382, 48.7694



72.6279, 75.6243, 91.0048



36.6722, 42.8240, 47.7981



15.8619, 16.4962, 20.0697



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.7054, 32.0382, 48.7694



53.2428, 53.1423, 87.6870



33.2258, 31.6423, 48.6129



8.6219, 8.9210, 11.3469



6.2540, 2.9676, 31.4963



0.2537, 0.1711, 1.1214

Inverse Universe

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



35.3935, 33.0805, 34.2269



61.1654, 55.4700, 56.4273



38.5187, 44.0813, 34.0831



9.0555, 9.0326, 9.6397



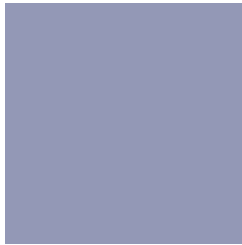
13.7704, 7.0819, 1.4117



0.5022, 0.2564, 0.1381

Previews

White Background



This preview shows how the XYZ color 31.7044, 32.0369, 48.7687 looks on a white background.

Color Contrast Check

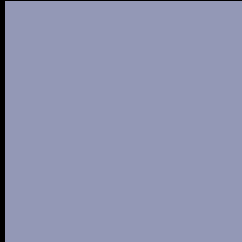
Large Text (above 18pt) WCAG AA × Fail

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 31.7044, 32.0369, 48.7687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

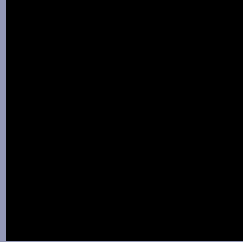
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7044, 32.0369, 48.7687

Background



This preview shows how black text looks on a background with the XYZ color 31.7044, 32.0369, 48.7687.



This preview shows how white text looks on a background with the XYZ color 31.7044, 32.0369,

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

31.7044, 32.0369, 48.7687

Protanopia

31.7044, 32.0369, 48.7687

Deuteranopia

32.6763, 32.0601, 48.7220



Tritanopia

30.1980, 32.1620, 41.1755

Trichromacy



Original Color

31.7044, 32.0369, 48.7687

Protanomaly

31.7044, 32.0369, 48.7687

Deuteranomaly

32.2726, 32.0899, 48.7490

Tritanomaly

30.6790, 32.1095, 43.6105

Monochromacy



Original Color

31.7044, 32.0369, 48.7687

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.8546, 32.0421, 39.6805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7044, 32.0369, 48.7687 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(147, 152, 182)` looks like.

```
.text, #text, p{  
    color:rgb(147, 152, 182)  
}
```

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(147, 152, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 152, 182) }
```

Border

The CSS property to change the border of an element to XYZ 31.7044, 32.0369, 48.7687 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(147, 152, 182) }
```


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

```
.border{ border-color:rgb(147, 152, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 152, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 152, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 152, 182);  
box-shadow:4px 4px 4px 4px rgb(147, 152,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7044, 32.0369, 48.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 152, 182) }
```

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

```
.background{ background-color: rgb(147,  
152, 182) }
```

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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