

Converting Colors

XYZ(32.0368, 31.5065, 48.1089)

Have a look what the booklet for
XYZ(32.0368, 31.5065, 48.1089)
contains.

XYZ(32.0368, 31.5065, 48.1089)	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(32.0368, 31.5065,
48.1089)**

Conversions

Conversions Part 1

Format	Color
Hex	9895B5
RGB	152, 149, 181
RGB Percent	60%, 58%, 71%
CMY	0.4039, 0.4157, 0.2902
CMYK	0.16, 0.18, 0.00, 0.29
HSL	246°, 18%, 65%
HSV	246°, 18%, 71%
XYZ	32.0368, 31.5065, 48.1089
YIQ	153.5450, -8.4840, 10.5880

Conversions

Conversions Part 2

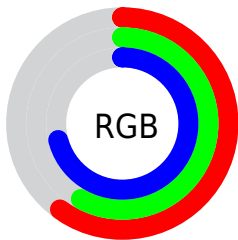
Format	Color
RYB	152, 149, 181
Decimal	9999797
CIELab	62.93, 7.74, -16.24
CIELCh	63, 17.989, 295.486
Yxy	31.5065, 0.2869, 0.2822
Android (android.graphics.Color)	4288189877 (0xFF9895B5)
YUV	153.5450, 13.5353, -1.3550
Hunter-Lab	56.1307, 3.6510, -11.5253

Details

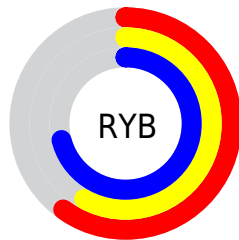
The XYZ color **32.0368, 31.5065, 48.1089** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.3099, 44.6835, 34.9355**, and the grayscale version is **30.4621, 32.0485, 34.9008**.

A 20% lighter version of the original color is **62.3741, 62.0917, 88.8182**, and **13.6308, 13.0606, 22.2246** is the 20% darker color. If you saturate the color by 10%, you get **26.5320, 24.7435, 47.0942**, and if you desaturate by 10%, it is **38.4133, 39.3811, 49.2933**.

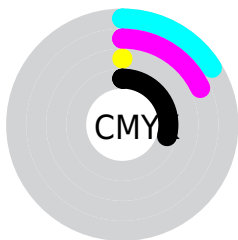
Distribution



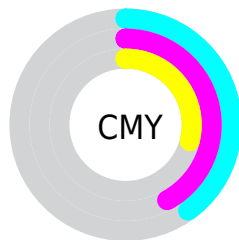
- Red (60%)
- Green (58%)
- Blue (71%)



- Red (60%)
- Yellow (58%)
- Blue (71%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0368, 31.5065, 48.1089 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 32.0368, 31.5065, 48.1089 by changing the saturation by 10% instead.

■ 32.0368, 31.5065,
48.1089

■ 32.0368, 31.5065,
48.1089

303.0292,
308.8650, 395.7448

■ 21.5453, 20.9848,
33.5525

■ 62.2336, 62.0366,
88.7338

■ 13.6379, 13.1129,
22.2755

■ 82.6696, 82.8139,
115.6393

■ 7.9493, 7.5064,
13.8592

107.1511,
107.7785, 147.4984

■ 4.1140, 3.7807,
7.8852

136.0435,
137.3148, 184.7295

■ 1.7668, 1.5517,
3.9348

169.7122,
171.8072, 227.7511

■ 0.4976, 0.3247,
1.5897

208.5224,

■ 0.0000, 0.0000,

211.6401, 276.9818

0.2834

252.8396,
257.1979, 332.8402

■ 0.0000, 0.0000,
0.0000

■ 32.0368, 31.5065,
48.1089

■ 32.0368, 31.5065,
48.1089

■ 26.5320, 24.7435,
47.0942

■ 38.4133, 39.3811,
49.2933

■ 21.8581, 19.0383,
46.2393

■ 45.6940, 48.4101,
50.6523

■ 17.9754, 14.3384,
45.5367

■ 53.9134, 58.6390,
52.1935

■ 14.8400, 10.5854,
44.9776

■ 63.1033, 70.1094,
53.9231

■ 12.4035, 7.7147,
44.5519

■ 73.2940, 82.8610,
55.8473

■ 10.6117, 5.6537,
44.2485

■ 83.6781, 95.2592,
57.6931

■ 9.4025, 4.3182,
44.0545

■ 85.3406, 96.1162,
57.7709

■ 8.6906, 3.5844,
43.9504

■ 8.5710, 3.4550,
43.9317

Harmonies

Analogous

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



29.5737, 31.5065, 49.7326



32.0368, 31.5065, 48.1089



34.0330, 31.5065, 42.6049

Triad

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



32.0368, 31.5065, 48.1089



32.7188, 31.5065, 24.2723



25.4558, 31.5065, 33.2458

Complementary

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



32.0368, 31.5065, 48.1089



40.3099, 44.6835, 34.9355

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.



26.2000, 31.5065, 27.1601



32.0368, 31.5065, 48.1089



30.3213, 31.5065, 22.4521

Square

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



32.0368, 31.5065, 48.1089



34.4418, 31.5065, 28.7781



27.9482, 31.5065, 23.4321



25.8595, 31.5065, 40.4982

Rectangle

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



32.0368, 31.5065, 48.1089



34.7839, 31.5065, 37.8287



27.9482, 31.5065, 23.4321



25.5788, 31.5065, 31.0076

Sweetspot

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



32.0378, 31.5078, 48.1096



72.0215, 74.5233, 88.8831



36.7227, 41.7002, 49.8300



15.3785, 15.8743, 19.1758



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.0378, 31.5078, 48.1096



53.5793, 51.7536, 85.4601



35.1666, 33.1208, 48.2560



8.1134, 8.2670, 10.6744



5.9361, 2.3960, 30.2866



0.2108, 0.0878, 0.9541

Inverse Universe

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



37.8405, 34.5344, 46.7924



65.8286, 58.1443, 82.6046



36.9178, 42.9348, 34.7767



8.8150, 8.6327, 10.5243



17.7726, 8.6266, 25.0263



0.5691, 0.2754, 0.8396

Previews

White Background



This preview shows how the XYZ color 32.0368, 31.5065, 48.1089 looks on a white background.

Color Contrast Check

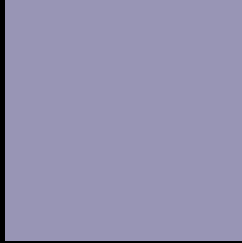
Large Text (above 18pt) WCAG AA × Fail

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 32.0368, 31.5065, 48.1089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

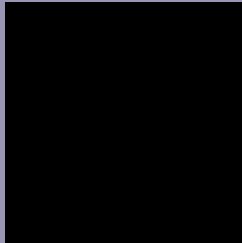
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0368, 31.5065, 48.1089

Background



This preview shows how black text looks on a background with the XYZ color 32.0368, 31.5065, 48.1089.



This preview shows how white text looks on a background with the XYZ color 32.0368, 31.5065,

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

32.0368, 31.5065, 48.1089

Protanopia

31.3642, 31.6216, 48.7065

Deuteranopia

32.2248, 31.6034, 48.1177



Tritanopia

30.3235, 31.5264, 39.6089

Trichromacy



Original Color

32.0368, 31.5065, 48.1089

Protanomaly

31.5626, 31.4860, 48.6698

Deuteranomaly

32.2248, 31.6034, 48.1177

Tritanomaly

30.9000, 31.5195, 42.4855

Monochromacy



Original Color

32.0368, 31.5065, 48.1089

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.0659, 31.9091, 39.6437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0368, 31.5065, 48.1089 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(152, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(152, 149, 181)  
}
```

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(152, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 149, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.0368, 31.5065, 48.1089 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(152, 149, 181) }
```


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

```
.border{ border-color:rgb(152, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(152, 149,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0368, 31.5065, 48.1089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 149, 181) }
```

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

```
.background{ background-color: rgb(152,  
149, 181) }
```

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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