

Converting Colors

XYZ(32.6313, 30.7284, 51.8062)

Have a look what the booklet for
XYZ(32.6313, 30.7284, 51.8062)
contains.

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Color

**XYZ(32.7201, 30.8502,
51.8071)**

Conversions

Conversions Part 1

Format	Color
Hex	9B91BC
RGB	155, 145, 188
RGB Percent	61%, 57%, 74%
CMY	0.3921, 0.4314, 0.2627
CMYK	0.18, 0.23, 0.00, 0.26
HSL	254°, 24%, 65%
HSV	254°, 23%, 74%
XYZ	32.7201, 30.8502, 51.8071
YIQ	152.8920, -7.8430, 15.4930

Conversions

Conversions Part 2

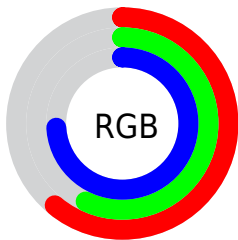
Format	Color
R_{YB}	155, 145, 188
Decimal	10195388
CIE _{Lab}	62.38, 12.58, -21.00
CIE _{LCh}	62, 24.476, 300.919
Yxy	30.8502, 0.2836, 0.2674
Android (android.graphics.Color)	4288385468 (0xFF9B91BC)
YUV	152.8920, 17.3082, 1.8487
Hunter-Lab	55.5430, 7.9534, -16.4220

Details

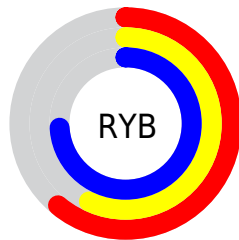
The XYZ color **32.7201, 30.8502, 51.8071** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.4551, 47.4765, 33.7684**, and the grayscale version is **30.1617, 31.7325, 34.5567**.

A 20% lighter version of the original color is **63.3309, 61.0801, 94.0397**, and **14.0589, 12.8173, 24.6547** is the 20% darker color. If you saturate the color by 10%, you get **27.4763, 24.2301, 50.8062**, and if you desaturate by 10%, it is **38.7722, 38.5942, 52.9834**.

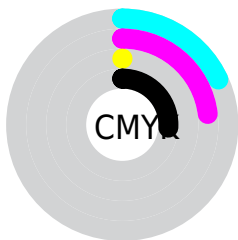
Distribution



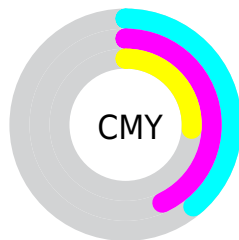
- Red (61%)
- Green (57%)
- Blue (74%)



- Red (61%)
- Yellow (57%)
- Blue (74%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7201, 30.8502, 51.8071 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 32.7201, 30.8502, 51.8071 by changing the saturation by 10% instead.

■ 32.7201, 30.8502,
51.8071

■ 32.7201, 30.8502,
51.8071

306.0739,
305.8476, 410.6272

■ 22.0703, 20.4848,
36.4702

■ 63.2959, 61.0041,
94.2704

■ 14.0255, 12.7479,
24.5050

■ 83.9526, 81.5615,
122.2338

■ 8.2202, 7.2552,
15.4930

108.6757,
106.2849, 155.2431

■ 4.2892, 3.6222,
9.0156

137.8305,
135.5589, 193.7169

■ 1.8670, 1.4646,
4.6544

171.7824,
169.7677, 238.0736

■ 0.5575, 0.2636,
1.9908

210.8967,

■ 0.0000, 0.0000,

209.2959, 288.7319

0.5496

255.5387,
254.5277, 346.1102

■ 0.0000, 0.0000,
0.0000

■ 32.7201, 30.8502,
51.8071

■ 32.7201, 30.8502,
51.8071

■ 27.4763, 24.2301,
50.8062

■ 38.7722, 38.5942,
52.9834

■ 23.0027, 18.6772,
49.9701

■ 45.6623, 47.5074,
54.3406

■ 19.2628, 14.1360,
49.2907

■ 53.4224, 57.6374,
55.8869

■ 16.2157, 10.5439,
48.7580

■ 62.0819, 69.0278,
57.6291

■ 13.8162, 7.8315,
48.3609

■ 71.6686, 81.7203,
59.5737

■ 12.0134, 5.9194,
48.0868

■ 81.3083, 93.9524,
61.4267

■ 10.7479, 4.7135,
47.9208

■ 86.0772, 96.4109,
61.6499

■ 10.1038, 4.1601,
47.8479

Harmonies

Analogous

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



29.4245, 30.8502, 55.3437



32.7201, 30.8502, 51.8071



35.2516, 30.8502, 43.2654

Triad

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



32.7201, 30.8502, 51.8071



32.5300, 30.8502, 20.0317



23.4006, 30.8502, 33.8842

Complementary

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



32.7201, 30.8502, 51.8071



41.4551, 47.4765, 33.7684

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.



24.0980, 30.8502, 25.4777



32.7201, 30.8502, 51.8071



29.2201, 30.8502, 18.4470

Square

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



32.7201, 30.8502, 51.8071



35.1362, 30.8502, 25.0583



26.1681, 30.8502, 20.2398



24.1877, 30.8502, 43.8684

Rectangle

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



32.7201, 30.8502, 51.8071



36.0760, 30.8502, 36.5544



26.1681, 30.8502, 20.2398



23.4687, 30.8502, 30.7916

Sweetspot

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



32.7211, 30.8515, 51.8078



77.2668, 78.9796, 97.3984



36.8118, 41.7649, 53.6987



16.4543, 16.7751, 20.9132



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.7211, 30.8515, 51.8078



54.7789, 50.1812, 93.0250



37.0665, 33.0916, 52.0112



9.2186, 9.3296, 11.9871



6.9347, 2.8611, 32.5796



0.3312, 0.1428, 1.2790

Inverse Universe

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



38.9013, 34.1577, 46.6633



67.8502, 57.1794, 81.9044



37.0354, 45.1981, 33.5615



9.8325, 9.6573, 11.5068



17.5920, 8.6680, 18.9429



0.7127, 0.3490, 0.8661

Previews

White Background



This preview shows how the XYZ color 32.7201, 30.8502, 51.8071 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 32.7201, 30.8502, 51.8071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

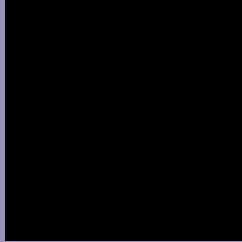
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7201, 30.8502, 51.8071

Background



This preview shows how black text looks on a background with the XYZ color 32.7201, 30.8502, 51.8071.



This preview shows how white text looks on a background with the XYZ color 32.7201, 30.8502,

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

32.7201, 30.8502, 51.8071

Protanopia

30.9666, 30.8319, 53.6093

Deuteranopia

31.5922, 30.9707, 51.3266



Tritanopia

30.0056, 30.9054, 38.5663

Trichromacy



Original Color

32.7201, 30.8502, 51.8071

Protanomaly

31.5612, 30.9173, 53.0194

Deuteranomaly

31.9810, 30.9393, 51.3000

Tritanomaly

30.8895, 30.7955, 42.8441

Monochromacy



Original Color

32.7201, 30.8502, 51.8071

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1157, 31.4359, 40.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7201, 30.8502, 51.8071 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(155, 145, 188)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 188)  
}
```

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(155, 145, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 188) }
```

Border

The CSS property to change the border of an element to XYZ 32.7201, 30.8502, 51.8071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

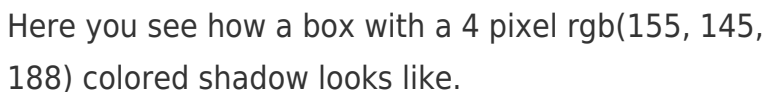
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 145, 188) }
```


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

```
.border{ border-color:rgb(155, 145, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 145, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 188);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7201, 30.8502, 51.8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 188) }
```

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

```
.background{ background-color: rgb(155,  
145, 188) }
```

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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