

Converting Colors

XYZ(32.9112, 31.4367, 43.5297)

Have a look what the booklet for
XYZ(32.9112, 31.4367, 43.5297)
contains.

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Color

**XYZ(32.8295, 31.3229,
43.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	A392AC
RGB	163, 146, 172
RGB Percent	64%, 57%, 67%
CMY	0.3608, 0.4274, 0.3255
CMYK	0.05, 0.15, 0.00, 0.33
HSL	279°, 14%, 62%
HSV	279°, 15%, 67%
XYZ	32.8295, 31.3229, 43.3453
YIQ	154.0470, 1.7860, 11.6900

Conversions

Conversions Part 2

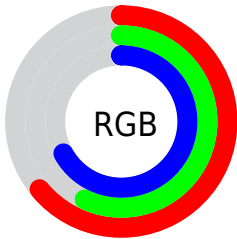
Format	Color
R_{YB}	163, 146, 172
Decimal	10719916
CIE _{Lab}	62.78, 11.25, -11.30
CIE _{LCh}	63, 15.945, 314.872
Yxy	31.3229, 0.3054, 0.2914
Android (android.graphics.Color)	4288909996 (0xFFA392AC)
YUV	154.0470, 8.8508, 7.8518
Hunter-Lab	55.9669, 6.7640, -6.7422

Details

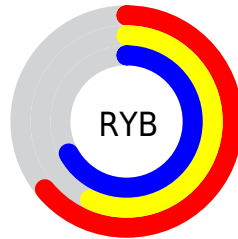
The XYZ color **32.8295, 31.3229, 43.3453** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.4596, 38.5498, 32.8731**, and the grayscale version is **30.6984, 32.2971, 35.1716**.

A 20% lighter version of the original color is **63.4328, 61.7600, 81.2507**, and **14.0379, 12.9200, 19.5232** is the 20% darker color. If you saturate the color by 10%, you get **29.1846, 25.8003, 42.4719**, and if you desaturate by 10%, it is **36.9326, 37.6756, 44.3557**.

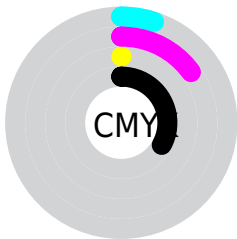
Distribution



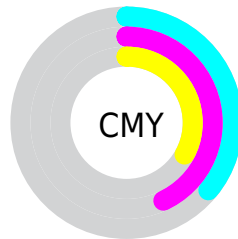
- Red (64%)
- Green (57%)
- Blue (67%)



- Red (64%)
- Yellow (57%)
- Blue (67%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8295, 31.3229, 43.3453 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 32.8295, 31.3229, 43.3453 by changing the saturation by 10% instead.

■ 32.8295, 31.3229,
43.3453

■ 32.8295, 31.3229,
43.3453

306.5593,
308.0232, 375.9927

■ 22.1545, 20.8449,
29.8227

■ 63.4657, 61.7481,
81.5236

■ 14.0877, 13.0106,
19.4532

■ 84.1576, 82.4640,
107.0164

■ 8.2638, 7.4359,
11.8181

108.9192,
107.3614, 137.3364

■ 4.3174, 3.7362,
6.4989

138.1157,
136.8245, 172.9021

■ 1.8832, 1.5271,
3.0771

172.1127,
171.2379, 214.1321

■ 0.5671, 0.3077,
1.1341

211.2754,

■ 0.0000, 0.0000,

210.9859, 261.4448

0.0000

255.9691,
256.4528, 315.2588

■ 32.8295, 31.3229,
43.3453

■ 32.8295, 31.3229,
43.3453

■ 29.1846, 25.8003,
42.4719

■ 36.9326, 37.6756,
44.3557

■ 25.9766, 21.0678,
41.7275

■ 41.5085, 44.8881,
45.5067

■ 23.1865, 17.0882,
41.1065

■ 46.5745, 52.9935,
46.8042

■ 20.7927, 13.8196,
40.6017

■ 52.1464, 62.0219,
48.2532

■ 18.7715, 11.2158,
40.2057

■ 58.2390, 72.0020,
49.8584

■ 17.0965, 9.2252,
39.9097

■ 64.8665, 82.9614,
51.6245

■ 15.7371, 7.7880,
39.7039

■ 68.2958, 87.4326,
52.3068

■ 14.6560, 6.8306,
39.5761

■ 69.9666, 88.2939,
52.3850

■ 14.1867, 6.4533,
39.5280

■ 71.7005, 89.1878,
52.4661

Harmonies

Analogous

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



30.8609, 31.3229, 47.0811



32.8295, 31.3229, 43.3453



34.0064, 31.3229, 37.3370

Triad

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



32.8295, 31.3229, 43.3453



30.8795, 31.3229, 23.7748



25.8992, 31.3229, 37.2818

Complementary

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



32.8295, 31.3229, 43.3453



33.4596, 38.5498, 32.8731

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.



25.9036, 31.3229, 31.0657



32.8295, 31.3229, 43.3453



28.7080, 31.3229, 23.7638

Square

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



32.8295, 31.3229, 43.3453



32.8437, 31.3229, 26.3137



26.9095, 31.3229, 26.2817



26.8971, 31.3229, 43.3006

Rectangle

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



32.8295, 31.3229, 43.3453



34.1488, 31.3229, 33.0954



26.9095, 31.3229, 26.2817



25.7851, 31.3229, 35.1355

Sweetspot

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



32.8304, 31.3242, 43.3460



67.0200, 68.3789, 80.4719



31.0397, 32.5669, 43.6802



14.4493, 14.6797, 17.4596



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.8304, 31.3242, 43.3460



57.3482, 53.4507, 78.1002



34.3703, 32.1607, 41.4914



8.0638, 8.0072, 10.0732



10.6179, 4.8336, 29.4179



0.3512, 0.1633, 0.8210

Inverse Universe

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



33.2097, 31.6965, 35.3798



58.1988, 54.2724, 60.8291



32.1047, 37.8156, 34.4205



8.1154, 8.0594, 8.9187



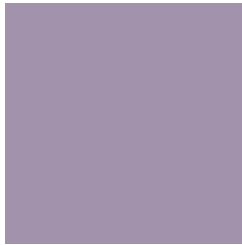
13.2824, 6.7755, 3.8665



0.3957, 0.1990, 0.2457

Previews

White Background



This preview shows how the XYZ color 32.8295, 31.3229, 43.3453 looks on a white background.

Color Contrast Check

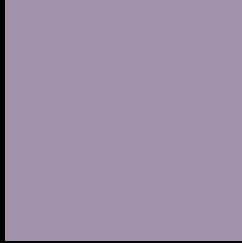
Large Text (above 18pt) WCAG AA × Fail

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 32.8295, 31.3229, 43.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

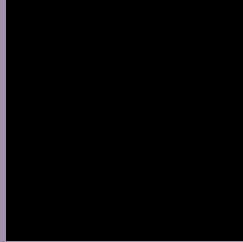
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8295, 31.3229, 43.3453

Background



This preview shows how black text looks on a background with the XYZ color 32.8295, 31.3229, 43.3453.



This preview shows how white text looks on a background with the XYZ color 32.8295, 31.3229,

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

32.8295, 31.3229, 43.3453

Protanopia

31.0172, 31.5243, 45.0074

Deuteranopia

31.9409, 31.3265, 43.3929



Tritanopia

31.6330, 31.2949, 37.6310

Trichromacy



Original Color

32.8295, 31.3229, 43.3453

Protanomaly

31.5243, 31.3232, 44.4289

Deuteranomaly

32.1782, 31.2169, 43.3592

Tritanomaly

32.0349, 31.2292, 39.4614

Monochromacy



Original Color

32.8295, 31.3229, 43.3453

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.4043, 31.8745, 38.2154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8295, 31.3229, 43.3453 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(163, 146, 172)` looks like.

```
.text, #text, p{  
    color:rgb(163, 146, 172)  
}
```

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(163, 146, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 146, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.8295, 31.3229, 43.3453 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(163, 146, 172) }
```


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

```
.border{ border-color:rgb(163, 146, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 146, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 146, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 146, 172);  
box-shadow:4px 4px 4px 4px rgb(163, 146,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8295, 31.3229, 43.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 146, 172) }
```

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

```
.background{ background-color: rgb(163,  
146, 172) }
```

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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