

Converting Colors

XYZ(32.9031, 29.8820, 59.5706)

Have a look what the booklet for
XYZ(32.9031, 29.8820, 59.5706)
contains.

XYZ(32.8300, 29.8461, 59.2889)	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(32.8300, 29.8461,
59.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	978DC9
RGB	151, 141, 201
RGB Percent	59%, 55%, 79%
CMY	0.4078, 0.4470, 0.2118
CMYK	0.25, 0.30, 0.00, 0.21
HSL	250°, 36%, 67%
HSV	250°, 30%, 79%
XYZ	32.8300, 29.8461, 59.2889
YIQ	150.8300, -13.3000, 20.7800

Conversions

Conversions Part 2

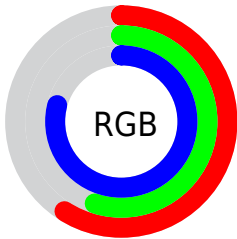
Format	Color
RYB	151, 141, 201
Decimal	9932233
CIELab	61.52, 16.67, -29.66
CIELCh	62, 34.026, 299.343
Yxy	29.8461, 0.2692, 0.2447
Android (android.graphics.Color)	4288122313 (0xFF978DC9)
YUV	150.8300, 24.7338, 0.1491
Hunter-Lab	54.6316, 11.6615, -26.1023

Details

The XYZ color **32.8300, 29.8461, 59.2889** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1810, 54.7734, 33.2861**, and the grayscale version is **29.2453, 30.7684, 33.5067**.

A 20% lighter version of the original color is **63.0187, 59.3720, 102.7462**, and **14.1531, 12.2414, 29.2206** is the 20% darker color. If you saturate the color by 10%, you get **27.2401, 22.9574, 58.2544**, and if you desaturate by 10%, it is **39.4014, 38.0406, 60.5248**.

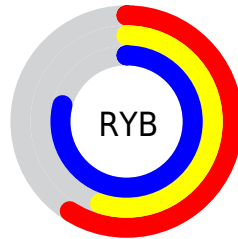
Distribution



Red (59%)

Green (55%)

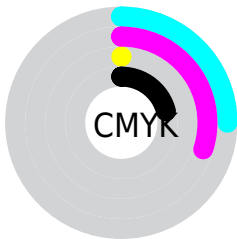
Blue (79%)



Red (59%)

Yellow (55%)

Blue (79%)

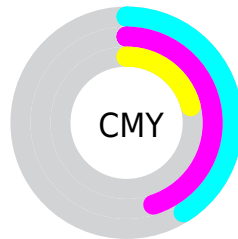


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8300, 29.8461, 59.2889 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 32.8300, 29.8461, 59.2889 by changing the saturation by 10% instead.

■ 32.8300, 29.8461,
59.2889

■ 32.8300, 29.8461,
59.2889

306.5616,
301.1864, 439.7033

■ 22.1549, 19.7218,
42.4242

■ 63.4665, 59.4187,
105.3307

■ 14.0880, 12.1930,
29.1055

■ 84.1585, 79.6358,
135.3448

■ 8.2640, 6.8752,
18.9144

■ 108.9203,
103.9860, 170.5792

■ 4.3176, 3.3842,
11.4323

138.1170,
132.8536, 211.4523

■ 1.8833, 1.3355,
6.2406

172.1142,
166.6230, 258.3828

■ 0.5671, 0.1684,
2.9208

211.2771,

■ 0.0000, 0.0000,

205.6787, 311.7891

1.0543

255.9711,
250.4051, 372.0897

■ 0.0000, 0.0000,
0.0000

■ 32.8300, 29.8461,
59.2889

■ 32.8300, 29.8461,
59.2889

■ 27.2401, 22.9574,
58.2544

■ 39.4014, 38.0406,
60.5248

■ 22.5811, 17.3030,
57.4085

■ 46.9958, 47.6001,
61.9697

■ 18.8022, 12.8103,
56.7405

■ 55.6556, 58.5845,
63.6334

■ 15.8467, 9.3972,
56.2375

■ 65.4201, 71.0492,
65.5247

■ 13.6506, 6.9710,
55.8849

■ 76.3268, 85.0463,
67.6516

■ 12.1403, 5.4227,
55.6657

■ 86.2679, 96.3399,
69.3075

■ 11.1975, 4.5595,
55.5488

■ 87.5427, 96.9971,
69.3672

■ 11.1860, 4.5487,
55.5473

Harmonies

Analogous

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



28.2685, 29.8461, 64.1689



32.8300, 29.8461, 59.2889



36.4949, 29.8461, 46.8667

Triad

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



32.8300, 29.8461, 59.2889



33.0202, 29.8461, 15.4812



20.5546, 29.8461, 32.2135

Complementary

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



32.8300, 29.8461, 59.2889



47.1810, 54.7734, 33.2861

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.



21.5468, 29.8461, 21.4136



32.8300, 29.8461, 59.2889



28.4673, 29.8461, 13.4611

Square

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



32.8300, 29.8461, 59.2889



36.6126, 29.8461, 21.7892



24.3295, 29.8461, 15.3082



21.4642, 29.8461, 46.2400

Rectangle

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



32.8300, 29.8461, 59.2889



37.7653, 29.8461, 37.3068



24.3295, 29.8461, 15.3082



20.6750, 29.8461, 28.1201

Sweetspot

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



32.8310, 29.8473, 59.2896



81.4712, 82.7728, 106.2905



40.3776, 47.5799, 62.3146



16.9993, 17.1621, 22.6666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.8310, 29.8473, 59.2896



49.6577, 43.0097, 100.2922



38.8908, 32.9712, 59.5732



10.2187, 10.3710, 13.3807



7.0861, 2.8873, 34.9282



0.3884, 0.1639, 1.6563

Inverse Universe

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



43.0171, 35.2299, 53.8238



70.0564, 53.7989, 88.8967



40.5955, 51.3785, 32.9779



11.0043, 10.7851, 13.0057



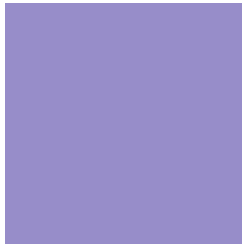
19.5892, 9.5852, 24.1104



0.9483, 0.4622, 1.2509

Previews

White Background



This preview shows how the XYZ color 32.8300, 29.8461, 59.2889 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8300, 29.8461, 59.2889 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 × Fail

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

XYZ 32.8300, 29.8461, 59.2889

Background



This preview shows how black text looks on a background with the XYZ color 32.8300, 29.8461, 59.2889.



This preview shows how white text looks on a background with the XYZ color 32.8300, 29.8461,

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

32.8300, 29.8461, 59.2889

Protanopia

30.8132, 30.1005, 61.9436

Deuteranopia

30.5357, 29.7962, 58.7854



Tritanopia

28.5082, 29.9077, 37.9884

Trichromacy



Original Color

32.8300, 29.8461, 59.2889

Protanomaly

31.5057, 30.0137, 61.2594

Deuteranomaly

31.2138, 29.6921, 58.7296

Tritanomaly

29.9694, 29.8034, 45.2474

Monochromacy



Original Color

32.8300, 29.8461, 59.2889

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.3576, 30.3113, 41.7868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8300, 29.8461, 59.2889 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(151, 141, 201)` looks like.

```
.text, #text, p{  
    color:rgb(151, 141, 201)  
}
```

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(151, 141, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 141, 201) }
```

Border

The CSS property to change the border of an element to XYZ 32.8300, 29.8461, 59.2889 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(151, 141, 201) }
```


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

```
.border{ border-color:rgb(151, 141, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 141, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 141, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 141, 201);  
box-shadow:4px 4px 4px 4px rgb(151, 141,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8300, 29.8461, 59.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 141, 201) }
```

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

```
.background{ background-color: rgb(151,  
141, 201) }
```

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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