

Converting Colors

XYZ(28.8991, 28.2102, 41.4581)

Have a look what the booklet for
XYZ(28.8991, 28.2102, 41.4581)
contains.

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Color

**XYZ(28.8991, 28.2102,
41.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	948DA9
RGB	148, 141, 169
RGB Percent	58%, 55%, 66%
CMY	0.4196, 0.4470, 0.3373
CMYK	0.12, 0.17, 0.00, 0.34
HSL	255°, 14%, 61%
HSV	255°, 17%, 66%
XYZ	28.8991, 28.2102, 41.4581
YIQ	146.2850, -4.8160, 10.1920

Conversions

Conversions Part 2

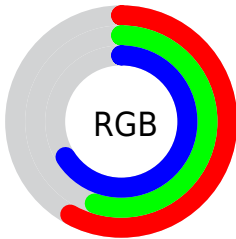
Format	Color
R _Y B	148, 141, 169
Decimal	9735593
CIE Lab	60.08, 8.29, -13.79
CIE LCh	60, 16.092, 301.022
Yxy	28.2102, 0.2932, 0.2862
Android (android.graphics.Color)	4287925673 (0xFF948DA9)
YUV	146.2850, 11.1985, 1.5041
Hunter-Lab	53.1133, 4.1742, -9.1001

Details

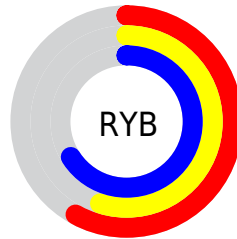
The XYZ color **28.8991, 28.2102, 41.4581** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.8968, 37.9811, 30.7451**, and the grayscale version is **27.3961, 28.8228, 31.3881**.

A 20% lighter version of the original color is **57.3268, 56.9686, 78.4956**, and **11.8817, 11.3079, 18.3860** is the 20% darker color. If you saturate the color by 10%, you get **24.4264, 22.4838, 40.5890**, and if you desaturate by 10%, it is **34.0049, 34.8289, 42.4670**.

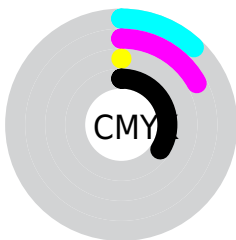
Distribution



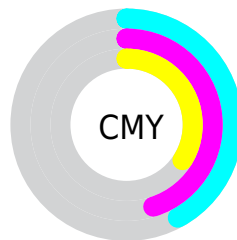
- Red (58%)
- Green (55%)
- Blue (66%)



- Red (58%)
- Yellow (55%)
- Blue (66%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8991, 28.2102, 41.4581 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 28.8991, 28.2102, 41.4581 by changing the saturation by 10% instead.

■ 28.8991, 28.2102,
41.4581

■ 28.8991, 28.2102,
41.4581

288.7414,
293.4700, 367.9648

■ 19.1484, 18.4842,
28.3548

■ 57.3154, 56.8199,
78.6400

■ 11.8822, 11.2982,
18.3519

■ 76.7117, 76.4723,
103.5558

■ 6.7351, 6.2677,
11.0309

■ 100.0540,
100.2023, 133.2460

■ 3.3419, 3.0086,
5.9732

127.7075,
128.3943, 168.1294

■ 1.3370, 1.1362,
2.7603

160.0376,
161.4327, 208.6245

■ 0.2107, 0.0087,
0.9736

197.4098,

■ 0.0000, 0.0000,

199.7018, 255.1497

0.0000

240.1892,
243.5861, 308.1236

■ 28.8991, 28.2102,
41.4581

■ 28.8991, 28.2102,
41.4581

■ 24.4264, 22.4838,
40.5890

■ 34.0049, 34.8289,
42.4670

■ 20.5590, 17.6076,
39.8516

■ 39.7650, 42.3726,
43.6195

■ 17.2707, 13.5416,
39.2401

■ 46.2027, 50.8764,
44.9216

■ 14.5324, 10.2407,
38.7473

■ 53.3395, 60.3729,
46.3784

■ 12.3125, 7.6557,
38.3653

■ 61.1958, 70.8927,
47.9949

■ 10.5757, 5.7313,
38.0854

■ 69.7914, 82.4655,
49.7756

■ 9.2819, 4.4038,
37.8974

■ 77.7565, 92.3427,
51.2623

■ 8.3784, 3.5854,
37.7870

■ 82.1332, 94.5990,
51.4671

■ 8.1265, 3.3621,
37.7572

■ 84.1615, 95.6446,
51.5620

Harmonies

Analogous

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



26.8834, 28.2102, 43.4621



28.8991, 28.2102, 41.4581



30.4164, 28.2102, 36.5250

Triad

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



28.8991, 28.2102, 41.4581



28.7711, 28.2102, 21.8501



23.0568, 28.2102, 30.9181

Complementary

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



28.8991, 28.2102, 41.4581



33.8968, 37.9811, 30.7451

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.



23.5060, 28.2102, 25.5583



28.8991, 28.2102, 41.4581



26.7426, 28.2102, 20.7430

Square

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



28.8991, 28.2102, 41.4581



30.3399, 28.2102, 25.2507



24.8297, 28.2102, 22.0111



23.5705, 28.2102, 36.9182

Rectangle

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



28.8991, 28.2102, 41.4581



30.9039, 28.2102, 32.5143



24.8297, 28.2102, 22.0111



23.1000, 28.2102, 28.9855

Sweetspot

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



28.9000, 28.2114, 41.4587



62.3491, 64.2657, 76.3435



31.1495, 34.5335, 42.5605



13.4451, 13.8189, 16.6108



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.9000, 28.2114, 41.4587



48.5895, 46.4516, 73.6302



31.4928, 29.5481, 41.5801



7.3010, 7.3878, 9.4595



6.0993, 2.5277, 28.1419



0.1937, 0.0849, 0.6868

Inverse Universe

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



32.4095, 30.0945, 38.2841



56.1461, 50.5088, 66.6814



31.2939, 36.6392, 30.6232



7.7606, 7.6341, 9.0564



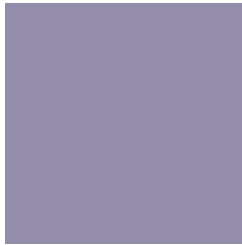
15.0600, 7.4327, 15.6591



0.3851, 0.1883, 0.4793

Previews

White Background



This preview shows how the XYZ color 28.8991, 28.2102, 41.4581 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 28.8991, 28.2102, 41.4581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

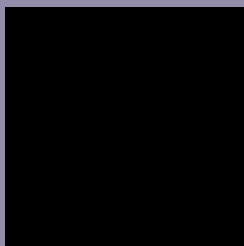
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8991, 28.2102, 41.4581

Background



This preview shows how black text looks on a background with the XYZ color 28.8991, 28.2102, 41.4581.



This preview shows how white text looks on a background with the XYZ color 28.8991, 28.2102,

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

28.8991, 28.2102, 41.4581

Protanopia

27.9714, 28.3758, 42.5309

Deuteranopia

28.7189, 28.1174, 41.4497



Tritanopia

27.5929, 28.1225, 34.9842

Trichromacy



Original Color

28.8991, 28.2102, 41.4581

Protanomaly

28.2335, 28.2980, 42.0042

Deuteranomaly

28.7189, 28.1174, 41.4497

Tritanomaly

28.0508, 28.0871, 37.2006

Monochromacy



Original Color

28.8991, 28.2102, 41.4581

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8386, 28.4827, 34.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8991, 28.2102, 41.4581 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(148, 141, 169)` looks like.

```
.text, #text, p{  
    color:rgb(148, 141, 169)  
}
```

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(148, 141, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 141, 169) }
```

Border

The CSS property to change the border of an element to XYZ 28.8991, 28.2102, 41.4581 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(148, 141, 169) }
```


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

```
.border{ border-color:rgb(148, 141, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 141, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 141, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 141, 169);  
box-shadow:4px 4px 4px 4px rgb(148, 141,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8991, 28.2102, 41.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 141, 169) }
```

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

```
.background{ background-color: rgb(148,  
141, 169) }
```

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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