

Converting Colors

XYZ(29.2877, 28.7547, 46.5604)

Have a look what the booklet for
XYZ(29.2877, 28.7547, 46.5604)
contains.

XYZ(29.2868, 28.7392, 46.6515)	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(29.2868, 28.7392,
46.6515)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8FB3
RGB	143, 143, 179
RGB Percent	56%, 56%, 70%
CMY	0.4392, 0.4392, 0.2980
CMYK	0.20, 0.20, 0.00, 0.30
HSL	240°, 19%, 63%
HSV	240°, 20%, 70%
XYZ	29.2868, 28.7392, 46.6515
YIQ	147.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

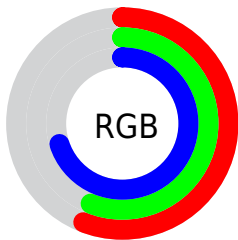
Format	Color
R_{YB}	143, 143, 179
Decimal	9408435
CIE Lab	60.55, 7.75, -18.79
CIE LCh	61, 20.328, 292.419
Yxy	28.7392, 0.2798, 0.2745
Android (android.graphics.Color)	4287598515 (0xFF8F8FB3)
YUV	147.1040, 15.7247, -3.5992
Hunter-Lab	53.6090, 3.6996, -14.0690

Details

The XYZ color **29.2868, 28.7392, 46.6515** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.6687, 43.8071, 32.3521**, and the grayscale version is **27.7173, 29.1608, 31.7561**.

A 20% lighter version of the original color is **57.9876, 57.8010, 86.6977**, and **12.0939, 11.6104, 21.3423** is the 20% darker color. If you saturate the color by 10%, you get **23.9558, 22.3159, 45.6931**, and if you desaturate by 10%, it is **35.5428, 36.2773, 47.7772**.

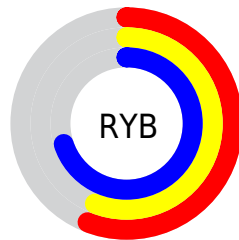
Distribution



Red (56%)

Green (56%)

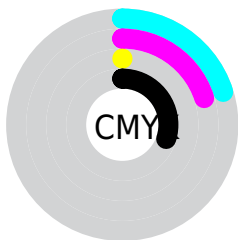
Blue (70%)



Red (56%)

Yellow (56%)

Blue (70%)

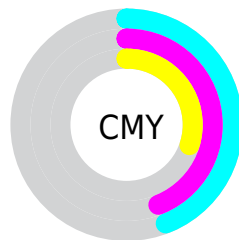


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2868, 28.7392, 46.6515 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 29.2868, 28.7392, 46.6515 by changing the saturation by 10% instead.

■ 29.2868, 28.7392,
46.6515

■ 29.2868, 28.7392,
46.6515

290.5356,
295.9824, 389.7752

■ 19.4433, 18.8836,
32.4079

■ 57.9269, 57.6625,
86.5377

■ 12.0969, 11.5862,
21.4058

■ 77.4541, 77.4989,
113.0174

■ 6.8824, 6.4626,
13.2268

■ 100.9399,
101.4312, 144.4128

■ 3.4343, 3.1284,
7.4524

128.7497,
129.8435, 181.1425

■ 1.3874, 1.1991,
3.6639

161.2488,
163.1205, 223.6251

■ 0.2472, 0.0610,
1.4428

198.8026,

■ 0.0000, 0.0000,

201.6463, 272.2790

0.1748

241.7764,
245.8055, 327.5228

■ 0.0000, 0.0000,
0.0000

■ 29.2868, 28.7392,
46.6515

■ 29.2868, 28.7392,
46.6515

■ 23.9558, 22.3159,
45.6931

■ 35.5428, 36.2773,
47.7772

■ 19.5035, 16.9511,
44.8923

■ 42.7619, 44.9757,
49.0757

■ 15.8834, 12.5891,
44.2411

■ 50.9833, 54.8819,
50.5545

■ 13.0440, 9.1678,
43.7304

■ 60.2433, 66.0394,
52.2201

■ 10.9278, 6.6178,
43.3497

■ 70.5764, 78.4899,
54.0786

■ 9.4695, 4.8607,
43.0874

■ 82.0154, 92.2729,
56.1361

■ 8.5923, 3.8036,
42.9296

■ 85.1368, 96.0347,
56.6977

■ 8.1369, 3.2549,
42.8477

Harmonies

Analogous

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



26.6551, 28.7392, 47.9242



29.2868, 28.7392, 46.6515



31.5153, 28.7392, 40.9645

Triad

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



29.2868, 28.7392, 46.6515



30.5119, 28.7392, 21.1752



22.6107, 28.7392, 29.4232

Complementary

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



29.2868, 28.7392, 46.6515



39.6687, 43.8071, 32.3521

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.



23.5069, 28.7392, 23.2763



29.2868, 28.7392, 46.6515



27.9872, 28.7392, 19.0364

Square

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



29.2868, 28.7392, 46.6515



32.2536, 28.7392, 26.0953



25.4352, 28.7392, 19.7388



22.9095, 28.7392, 37.1367

Rectangle

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



29.2868, 28.7392, 46.6515



32.4168, 28.7392, 35.8657



25.4352, 28.7392, 19.7388



22.7801, 28.7392, 27.1249

Sweetspot

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



29.2877, 28.7404, 46.6521



68.6285, 70.9630, 86.4613



35.5245, 41.3109, 48.4323



15.0244, 15.5046, 19.1231



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.



29.2877, 28.7404, 46.6521



48.1542, 46.2930, 82.7786



32.5371, 30.4152, 46.8042



8.0420, 8.2302, 10.6711



5.7498, 2.3000, 30.2779



0.1809, 0.0724, 0.9527

Inverse Universe

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



33.3715, 31.2125, 30.2536



56.7627, 51.5043, 48.2110



35.8978, 41.8635, 32.1757



8.4964, 8.5053, 8.8465



13.1369, 6.7723, 0.6150



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 29.2868, 28.7392, 46.6515 looks on a white background.

Color Contrast Check

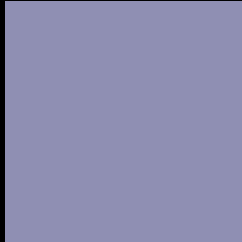
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2868, 28.7392, 46.6515 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 29.2868, 28.7392, 46.6515

Background



This preview shows how black text looks on a background with the XYZ color 29.2868, 28.7392, 46.6515.



This preview shows how white text looks on a background with the XYZ color 29.2868, 28.7392,

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

29.2868, 28.7392, 46.6515

Protanopia

28.6927, 28.6451, 47.1968

Deuteranopia

29.2868, 28.7392, 46.6515



Tritanopia

27.2527, 28.8250, 36.4752

Trichromacy



Original Color

29.2868, 28.7392, 46.6515

Protanomaly

29.0267, 28.8173, 47.2124

Deuteranomaly

29.2868, 28.7392, 46.6515

Tritanomaly

27.9770, 28.8864, 40.1775

Monochromacy



Original Color

29.2868, 28.7392, 46.6515

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.3910, 29.1720, 36.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2868, 28.7392, 46.6515 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(143, 143, 179)` looks like.

```
.text, #text, p{  
    color:rgb(143, 143, 179)  
}
```

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(143, 143, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 143, 179) }
```

Border

The CSS property to change the border of an element to XYZ 29.2868, 28.7392, 46.6515 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(143, 143, 179) }
```


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

```
.border{ border-color:rgb(143, 143, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 143, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 143, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 143, 179);  
box-shadow:4px 4px 4px 4px rgb(143, 143,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2868, 28.7392, 46.6515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 143, 179) }
```

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

```
.background{ background-color: rgb(143,  
143, 179) }
```

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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