

Converting Colors

XYZ(29.2993, 29.4348, 46.2567)

Have a look what the booklet for
XYZ(29.2993, 29.4348, 46.2567)
contains.

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Color

**XYZ(29.2993, 29.4348,
46.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	8D92B2
RGB	141, 146, 178
RGB Percent	55%, 57%, 70%
CMY	0.4470, 0.4274, 0.3020
CMYK	0.21, 0.18, 0.00, 0.30
HSL	232°, 19%, 63%
HSV	232°, 21%, 70%
XYZ	29.2993, 29.4348, 46.2567
YIQ	148.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

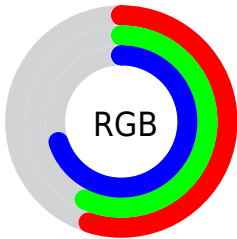
Format	Color
RYB	141, 145, 178
Decimal	9278130
CIELab	61.16, 5.16, -17.31
CIELCh	61, 18.062, 286.600
Yxy	29.4348, 0.2791, 0.2804
Android (android.graphics.Color)	4287468210 (0xFF8D92B2)
YUV	148.1530, 14.7146, -6.2732
Hunter-Lab	54.2538, 1.4531, -12.5728

Details

The XYZ color **29.2993, 29.4348, 46.2567** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.1118, 41.2755, 31.1585**, and the grayscale version is **28.1573, 29.6237, 32.2602**.

A 20% lighter version of the original color is **58.0112, 58.8512, 86.1438**, and **12.1010, 12.0201, 21.0844** is the 20% darker color. If you saturate the color by 10%, you get **24.2972, 23.5679, 45.3884**, and if you desaturate by 10%, it is **35.1093, 36.1939, 47.2556**.

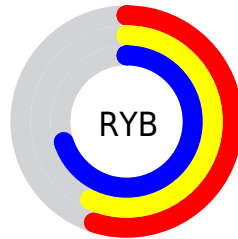
Distribution



Red (55%)

Green (57%)

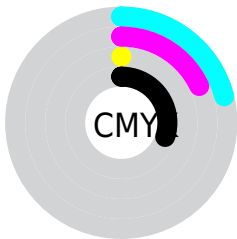
Blue (70%)



Red (55%)

Yellow (57%)

Blue (70%)

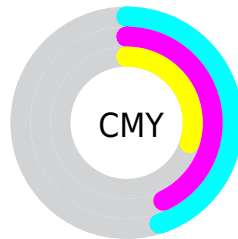


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (43%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2993, 29.4348, 46.2567 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 29.2993, 29.4348, 46.2567 by changing the saturation by 10% instead.

■ 29.2993, 29.4348,
46.2567

■ 29.2993, 29.4348,
46.2567

290.5933,
299.2610, 388.1472

■ 19.4528, 19.4100,
32.0983

■ 57.9466, 58.7672,
85.9414

■ 12.1038, 11.9669,
21.1712

■ 77.4780, 78.8436,
112.3047

■ 6.8871, 6.7211,
13.0567

■ 100.9684,
103.0392, 143.5735

■ 3.4373, 3.2883,
7.3364

128.7833,
131.7386, 180.1662

■ 1.3890, 1.2840,
3.5918

161.2878,
165.3261, 222.5014

■ 0.2484, 0.1288,
1.4042

198.8474,

■ 0.0000, 0.0000,

204.1860, 270.9976

0.1450

241.8275,
248.7029, 326.0734

■ 0.0000, 0.0000,
0.0000

■ 29.2993, 29.4348,
46.2567

■ 29.2993, 29.4348,
46.2567

■ 24.2972, 23.5679,
45.3884

■ 35.1093, 36.1939,
47.2556

■ 20.0642, 18.5525,
44.6434

■ 41.7580, 43.8769,
48.3881

■ 16.5628, 14.3496,
44.0167

■ 49.2781, 52.5180,
49.6597

■ 13.7510, 10.9161,
43.5022

■ 57.6995, 62.1489,
51.0748

■ 11.5823, 8.2046,
43.0931

■ 67.0509, 72.7995,
52.6377

■ 10.0047, 6.1626,
42.7821

■ 77.3595, 84.4989,
54.3526

■ 8.9575, 4.7299,
42.5608

■ 84.6426, 95.2077,
56.0357

■ 8.3638, 3.8700,
42.4261

■ 85.0360, 95.9944,
56.1668

Harmonies

Analogous

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



26.9339, 29.4348, 46.4980



29.2993, 29.4348, 46.2567



31.4208, 29.4348, 41.8808

Triad

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



29.2993, 29.4348, 46.2567



31.2268, 29.4348, 23.4702



23.7733, 29.4348, 29.1186

Complementary

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



29.2993, 29.4348, 46.2567



38.1118, 41.2755, 31.1585

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.



24.7943, 29.4348, 23.8914



29.2993, 29.4348, 46.2567



29.0465, 29.4348, 20.9548

Square

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



29.2993, 29.4348, 46.2567



32.5760, 29.4348, 28.4631



26.6949, 29.4348, 21.0972



23.8324, 29.4348, 35.9251

Rectangle

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



29.2993, 29.4348, 46.2567



32.3718, 29.4348, 37.5181



26.6949, 29.4348, 21.0972



23.9990, 29.4348, 27.1399

Sweetspot

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



29.3002, 29.4360, 46.2574



69.1195, 71.9451, 86.6250



34.3953, 40.5000, 45.2617



15.1436, 15.7431, 19.1628



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.



29.3002, 29.4360, 46.2574



48.7395, 48.2381, 83.1232



30.8785, 29.1301, 46.1151



8.1315, 8.4093, 10.7009



6.0121, 2.8245, 30.3653



0.2183, 0.1472, 0.9651

Inverse Universe

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



33.0741, 30.5910, 31.3568



56.8692, 50.8231, 51.0025



36.2562, 41.7691, 31.3516



8.5416, 8.5234, 9.0844



13.2693, 6.8253, 1.3120



0.4322, 0.2206, 0.1188

Previews

White Background



This preview shows how the XYZ color 29.2993, 29.4348, 46.2567 looks on a white background.

Color Contrast Check

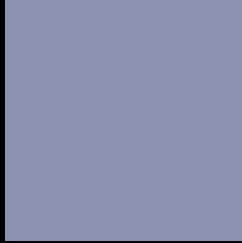
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2993, 29.4348, 46.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

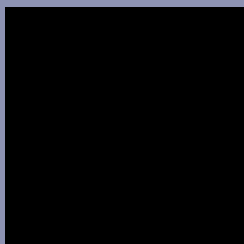
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2993, 29.4348, 46.2567

Background



This preview shows how black text looks on a background with the XYZ color 29.2993, 29.4348, 46.2567.



This preview shows how white text looks on a background with the XYZ color 29.2993, 29.4348,

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

29.2993, 29.4348, 46.2567

Protanopia

29.2993, 29.4348, 46.2567

Deuteranopia

29.8632, 29.2719, 46.1956



Tritanopia

27.6617, 29.4714, 37.9488

Trichromacy



Original Color

29.2993, 29.4348, 46.2567

Protanomaly

29.2993, 29.4348, 46.2567

Deuteranomaly

29.6629, 29.3944, 46.2298

Tritanomaly

28.2124, 29.4588, 40.7584

Monochromacy



Original Color

29.2993, 29.4348, 46.2567

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3688, 29.3904, 36.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2993, 29.4348, 46.2567 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(141, 146, 178)` looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 178)  
}
```

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(141, 146, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 178) }
```

Border

The CSS property to change the border of an element to XYZ 29.2993, 29.4348, 46.2567 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(141, 146, 178) }
```


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

```
.border{ border-color:rgb(141, 146, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 146, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 146, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 146, 178);  
box-shadow:4px 4px 4px 4px rgb(141, 146,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2993, 29.4348, 46.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 146, 178) }
```

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

```
.background{ background-color: rgb(141,  
146, 178) }
```

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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