

Converting Colors

XYZ(29.1961, 29.2929, 46.7637)

Have a look what the booklet for
XYZ(29.1961, 29.2929, 46.7637)
contains.

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Color

**XYZ(29.2308, 29.3879,
46.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	8C92B3
RGB	140, 146, 179
RGB Percent	55%, 57%, 70%
CMY	0.4510, 0.4274, 0.2980
CMYK	0.22, 0.18, 0.00, 0.30
HSL	231°, 20%, 63%
HSV	231°, 22%, 70%
XYZ	29.2308, 29.3879, 46.7796
YIQ	147.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

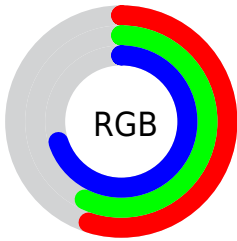
Format	Color
RYB	140, 145, 179
Decimal	9212595
CIELab	61.12, 5.07, -17.94
CIElCh	61, 18.647, 285.787
Yxy	29.3879, 0.2773, 0.2788
Android (android.graphics.Color)	4287402675 (0xFF8C92B3)
YUV	147.9680, 15.2988, -6.9879
Hunter-Lab	54.2106, 1.3801, -13.2153

Details

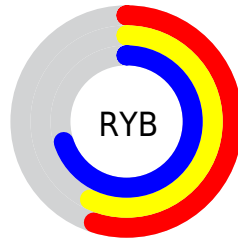
The XYZ color **29.2308, 29.3879, 46.7796** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.2679, 41.3644, 30.7790**, and the grayscale version is **28.0782, 29.5405, 32.1696**.

A 20% lighter version of the original color is **57.8978, 58.7760, 86.8906**, and **12.0686, 11.9959, 21.4180** is the 20% darker color. If you saturate the color by 10%, you get **24.2744, 23.5941, 45.9230**, and if you desaturate by 10%, it is **34.9890, 36.0557, 47.7636**.

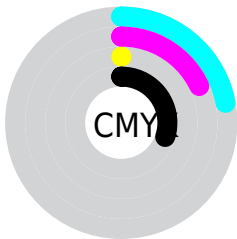
Distribution



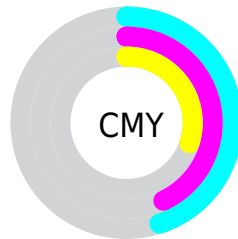
- Red (55%)
- Green (57%)
- Blue (70%)



- Red (55%)
- Yellow (57%)
- Blue (70%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)



- Cyan (45%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2308, 29.3879, 46.7796 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 29.2308, 29.3879, 46.7796 by changing the saturation by 10% instead.

■ 29.2308, 29.3879,
46.7796

■ 29.2308, 29.3879,
46.7796

290.2770,
299.0408, 390.3024

■ 19.4006, 19.3745,
32.5084

■ 57.8386, 58.6928,
86.7311

■ 12.0659, 11.9412,
21.4821

■ 77.3470, 78.7531,
113.2484

■ 6.8611, 6.7036,
13.2822

■ 100.8121,
102.9311, 144.6848

■ 3.4209, 3.2774,
7.4901

128.5994,
131.6112, 181.4589

■ 1.3801, 1.2782,
3.6874

161.0742,
165.1778, 223.9891

■ 0.2420, 0.1243,
1.4555

198.6018,

■ 0.0000, 0.0000,

204.0154, 272.6941

0.1844

241.5476,
248.5082, 327.9923

■ 0.0000, 0.0000,
0.0000

■ 29.2308, 29.3879,
46.7796

■ 29.2308, 29.3879,
46.7796

■ 24.2744, 23.5941,
45.9230

■ 34.9890, 36.0557,
47.7636

■ 20.0814, 18.6343,
45.1867

■ 41.5797, 43.6281,
48.8779

■ 16.6140, 14.4708,
44.5658

■ 49.0355, 52.1386,
50.1276

■ 13.8305, 11.0616,
44.0544

■ 57.3863, 61.6180,
51.5172

■ 11.6844, 8.3604,
43.6462

■ 66.6605, 72.0955,
53.0507

■ 10.1236, 6.3162,
43.3339

■ 76.8853, 83.5994,
54.7323

■ 9.0872, 4.8703,
43.1094

■ 84.1943, 94.1498,
56.3835

■ 8.5413, 4.0638,
42.9825

■ 85.1368, 96.0347,
56.6976

Harmonies

Analogous

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



26.7940, 29.3879, 46.9030



29.2308, 29.3879, 46.7796



31.4388, 29.3879, 42.3339

Triad

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



29.2308, 29.3879, 46.7796



31.3401, 29.3879, 23.2867



23.6189, 29.3879, 28.8056

Complementary

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



29.2308, 29.3879, 46.7796



38.2679, 41.3644, 30.7790

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.



24.6968, 29.3879, 23.4990



29.2308, 29.3879, 46.7796



29.1024, 29.3879, 20.6420

Square

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



29.2308, 29.3879, 46.7796



32.7042, 29.3879, 28.4738



26.6729, 29.3879, 20.7136



23.6488, 29.3879, 35.8025

Rectangle

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



29.2308, 29.3879, 46.7796



32.4425, 29.3879, 37.8433



26.6729, 29.3879, 20.7136



23.8608, 29.3879, 26.7887

Sweetspot

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



29.2317, 29.3891, 46.7803



67.9852, 70.7002, 86.4445



34.4305, 40.8140, 45.3457



14.9098, 15.4885, 19.1260



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.



29.2317, 29.3891, 46.7803



48.0479, 47.6158, 83.0396



30.6524, 28.7840, 46.5886



8.1441, 8.4343, 10.7051



6.0671, 2.9345, 30.3836



0.2235, 0.1575, 0.9669

Inverse Universe

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



33.1576, 30.4160, 31.3187



56.3342, 49.8978, 50.3787



36.5802, 42.2412, 31.0372



8.5479, 8.5259, 9.1177



13.2970, 6.8364, 1.4582



0.4348, 0.2217, 0.1325

Previews

White Background



This preview shows how the XYZ color 29.2308, 29.3879, 46.7796 looks on a white background.

Color Contrast Check

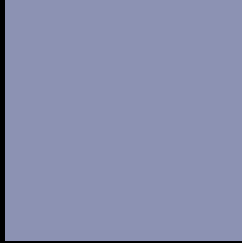
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2308, 29.3879, 46.7796 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 29.2308, 29.3879, 46.7796

Background



This preview shows how black text looks on a background with the XYZ color 29.2308, 29.3879, 46.7796.



This preview shows how white text looks on a background with the XYZ color 29.2308, 29.3879,

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

29.2308, 29.3879, 46.7796

Protanopia

29.2308, 29.3879, 46.7796

Deuteranopia

29.9640, 29.3122, 46.7264



Tritanopia

27.4970, 29.3865, 37.9411

Trichromacy



Original Color

29.2308, 29.3879, 46.7796

Protanomaly

29.2308, 29.3879, 46.7796

Deuteranomaly

29.7637, 29.4348, 46.7606

Tritanomaly

28.1390, 29.4102, 41.2394

Monochromacy



Original Color

29.2308, 29.3879, 46.7796

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 29.2308, 29.3879, 46.7796 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(140, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(140, 146, 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(140, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 146, 179) }
```

Border

The CSS property to change the border of an element to XYZ 29.2308, 29.3879, 46.7796 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(140, 146, 179) }
```


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

```
.border{ border-color:rgb(140, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(140, 146,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2308, 29.3879, 46.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 146, 179) }
```

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

```
.background{ background-color: rgb(140,  
146, 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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