

Converting Colors

XYZ(30.6957, 29.8153, 46.1950)

Have a look what the booklet for
XYZ(30.6957, 29.8153, 46.1950)
contains.

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Color

**XYZ(30.7390, 29.9492,
46.2801)**

Conversions

Conversions Part 1

Format	Color
Hex	9691B2
RGB	150, 145, 178
RGB Percent	59%, 57%, 70%
CMY	0.4118, 0.4314, 0.3020
CMYK	0.16, 0.19, 0.00, 0.30
HSL	249°, 18%, 63%
HSV	249°, 19%, 70%
XYZ	30.7390, 29.9492, 46.2801
YIQ	150.2570, -7.6130, 11.3230

Conversions

Conversions Part 2

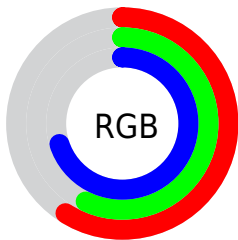
Format	Color
RYB	150, 145, 178
Decimal	9867698
CIELab	61.61, 8.68, -16.56
CIELCh	62, 18.699, 297.650
Yxy	29.9492, 0.2874, 0.2800
Android (android.graphics.Color)	4288057778 (0xFF9691B2)
YUV	150.2570, 13.6773, -0.2254
Hunter-Lab	54.7259, 4.4915, -11.8318

Details

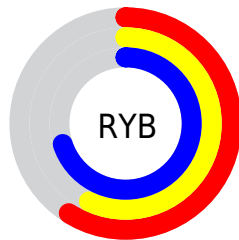
The XYZ color **30.7390, 29.9492, 46.2801** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.2657, 42.7701, 33.0281**, and the grayscale version is **29.0454, 30.5580, 33.2776**.

A 20% lighter version of the original color is **60.1765, 59.6247, 86.1790**, and **12.9395, 12.3177, 21.0976** is the 20% darker color. If you saturate the color by 10%, you get **25.6270, 23.5882, 45.3222**, and if you desaturate by 10%, it is **36.6373, 37.3497, 47.3981**.

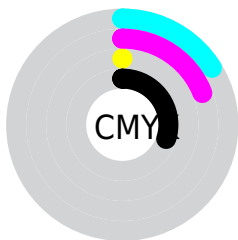
Distribution



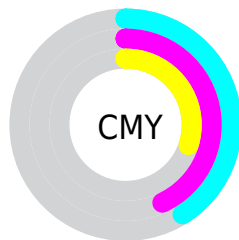
- Red (59%)
- Green (57%)
- Blue (70%)



- Red (59%)
- Yellow (57%)
- Blue (70%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7390, 29.9492, 46.2801 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 30.7390, 29.9492, 46.2801 by changing the saturation by 10% instead.

■ 30.7390, 29.9492,
46.2801

■ 30.7390, 29.9492,
46.2801

297.1825,
301.6676, 388.2439

■ 20.5510, 19.8000,
32.1167

■ 60.2076, 59.5818,
85.9767

■ 12.9068, 12.2498,
21.1851

■ 80.2189, 79.8341,
112.3470

■ 7.4410, 6.9140,
13.0668

104.2353,
104.2228, 143.6233

■ 3.7881, 3.4084,
7.3433

132.6223,
133.1324, 180.2241

■ 1.5830, 1.3485,
3.5960

165.7452,
166.9473, 222.5680

■ 0.3813, 0.1783,
1.4064

203.9692,

■ 0.0000, 0.0000,

206.0519, 271.0736

0.1467

247.6599,
250.8305, 326.1594

■ 0.0000, 0.0000,
0.0000

■ 30.7390, 29.9492,
46.2801

■ 30.7390, 29.9492,
46.2801

■ 25.6270, 23.5882,
45.3222

■ 36.6373, 37.3497,
47.3981

■ 21.2650, 18.2163,
44.5152

■ 43.3505, 45.8296,
48.6811

■ 17.6183, 13.7847,
43.8520

■ 50.9091, 55.4312,
50.1360

■ 14.6481, 10.2387,
43.3242

■ 59.3412, 66.1934,
51.7689

■ 12.3117, 7.5181,
42.9222

■ 68.6736, 78.1535,
53.5856

■ 10.5618, 5.5551,
42.6355

■ 78.9321, 91.3467,
55.5914

■ 9.3439, 4.2707,
42.4518

■ 85.0360, 95.9944,
56.1668

■ 8.5758, 3.5346,
42.3502

■ 8.4870, 3.4469,
42.3379

Harmonies

Analogous

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



28.2705, 29.9492, 48.2650



30.7390, 29.9492, 46.2801



32.6919, 29.9492, 40.4854

Triad

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



30.7390, 29.9492, 46.2801



31.0972, 29.9492, 22.3703



23.9578, 29.9492, 32.0522

Complementary

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



30.7390, 29.9492, 46.2801



38.2657, 42.7701, 33.0281

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.



24.6206, 29.9492, 25.8278



30.7390, 29.9492, 46.2801



28.6620, 29.9492, 20.7686

Square

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



30.7390, 29.9492, 46.2801



32.9070, 29.9492, 26.6679



26.3076, 29.9492, 21.9371



24.4434, 29.9492, 39.3741

Rectangle

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



30.7390, 29.9492, 46.2801



33.3881, 29.9492, 35.6218



26.3076, 29.9492, 21.9371



24.0528, 29.9492, 29.7721

Sweetspot

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



30.7399, 29.9504, 46.2808



69.2637, 71.2903, 86.4910



34.6670, 39.1412, 47.8478



15.1786, 15.5841, 19.1303



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.



30.7399, 29.9504, 46.2808



52.0162, 49.6610, 83.2252



33.9826, 31.6221, 46.4325



8.1579, 8.2899, 10.6765



6.1072, 2.4842, 30.2946



0.2293, 0.0973, 0.9549

Inverse Universe

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



36.0292, 32.7341, 43.9556



63.3161, 55.6105, 78.1430



34.8491, 41.0087, 32.8682



8.7936, 8.6242, 10.4115



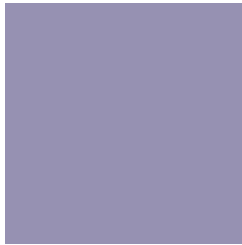
17.1542, 8.3793, 21.7700



0.5547, 0.2696, 0.7636

Previews

White Background



This preview shows how the XYZ color 30.7390, 29.9492, 46.2801 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 30.7390, 29.9492, 46.2801 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 30.7390, 29.9492, 46.2801

Background



This preview shows how black text looks on a background with the XYZ color 30.7390, 29.9492, 46.2801.



This preview shows how white text looks on a background with the XYZ color 30.7390, 29.9492,

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

30.7390, 29.9492, 46.2801

Protanopia

29.8273, 29.9135, 47.3818

Deuteranopia

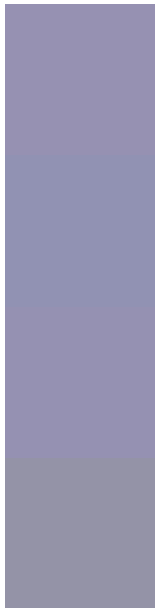
30.5557, 29.8547, 46.2716



Tritanopia

28.9677, 29.9209, 37.5063

Trichromacy



Original Color

30.7390, 29.9492, 46.2801

Protanomaly

30.0926, 29.8322, 46.8200

Deuteranomaly

30.5557, 29.8547, 46.2716

Tritanomaly

29.6215, 29.9534, 40.7796

Monochromacy



Original Color

30.7390, 29.9492, 46.2801

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5127, 30.2019, 37.5318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7390, 29.9492, 46.2801 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(150, 145, 178)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 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(150, 145, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 178) }
```

Border

The CSS property to change the border of an element to XYZ 30.7390, 29.9492, 46.2801 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(150, 145, 178) }
```


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

```
.border{ border-color:rgb(150, 145, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 178);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7390, 29.9492, 46.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 178) }
```

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

```
.background{ background-color: rgb(150,  
145, 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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