

Converting Colors

XYZ(30.2330, 29.8083, 51.1738)

Have a look what the booklet for
XYZ(30.2330, 29.8083, 51.1738)
contains.

XYZ(30.2330, 29.8083, 51.1738)	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(30.2330, 29.8083,
51.1738)**

Conversions

Conversions Part 1

Format	Color
Hex	8D92BB
RGB	141, 146, 187
RGB Percent	55%, 57%, 73%
CMY	0.4471, 0.4274, 0.2667
CMYK	0.25, 0.22, 0.00, 0.27
HSL	233°, 25%, 64%
HSV	233°, 25%, 73%
XYZ	30.2330, 29.8083, 51.1738
YIQ	149.1790, -16.1410, 11.6910

Conversions

Conversions Part 2

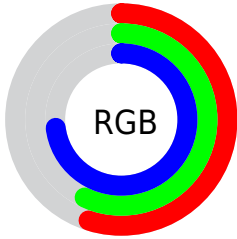
Format	Color
R_{YB}	141, 146, 187
Decimal	9278139
CIE _{Lab}	61.49, 7.31, -21.90
CIE _{LCh}	61, 23.085, 288.459
Yxy	29.8083, 0.2718, 0.2680
Android (android.graphics.Color)	4287468219 (0xFF8D92BB)
YUV	149.1790, 18.6458, -7.1730
Hunter-Lab	54.5970, 3.2994, -17.3547

Details

The XYZ color **30.2330, 29.8083, 51.1738** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.0296, 45.9440, 31.8531**, and the grayscale version is **28.5720, 30.0599, 32.7353**.

A 20% lighter version of the original color is **59.3376, 59.3817, 93.1284**, and **12.7024, 12.2606, 24.2513** is the 20% darker color. If you saturate the color by 10%, you get **24.9332, 23.5367, 50.2431**, and if you desaturate by 10%, it is **36.4462, 37.1082, 52.2559**.

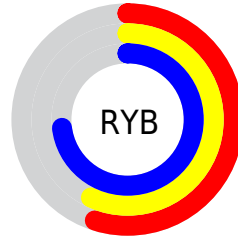
Distribution



Red (55%)

Green (57%)

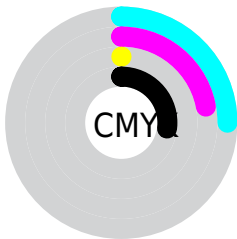
Blue (73%)



Red (55%)

Yellow (57%)

Blue (73%)

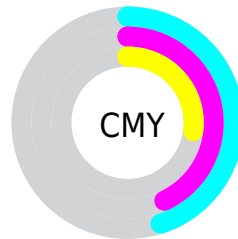


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2330, 29.8083, 51.1738 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 30.2330, 29.8083, 51.1738 by changing the saturation by 10% instead.

■ 30.2330, 29.8083,
51.1738

■ 30.2330, 29.8083,
51.1738

294.8794,
301.0099, 408.1045

■ 20.1645, 19.6931,
35.9693

■ 59.4146, 59.3589,
93.3258

■ 12.6236, 12.1722,
24.1209

■ 79.2583, 79.5631,
121.1103

■ 7.2451, 6.8610,
15.2103

■ 103.0911,
103.8991, 153.9251

■ 3.6635, 3.3754,
8.8189

131.2784,
132.7513, 192.1890

■ 1.5136, 1.3307,
4.5280

164.1856,
166.5041, 236.3203

■ 0.3351, 0.1648,
1.9193

202.1778,

■ 0.0000, 0.0000,

205.5418, 286.7376

0.5049

245.6207,
250.2490, 343.8595

0.0000, 0.0000,
0.0000

30.2330, 29.8083,
51.1738

30.2330, 29.8083,
51.1738

24.9332, 23.5367,
50.2431

36.4462, 37.1082,
52.2559

20.5008, 18.2437,
49.4550

43.6101, 45.4761,
53.4934

16.8902, 13.8806,
48.8032

51.7634, 54.9538,
54.8931

14.0503, 10.3935,
48.2798

60.9420, 65.5801,
56.4604

11.9244, 7.7225,
47.8763

71.1798, 77.3916,
58.2007

■ 10.4478, 5.8002,
47.5831

■ 82.5091, 90.4235,
60.1190

■ 9.5438, 4.5482,
47.3891

■ 85.9697, 96.3679,
61.0839

■ 9.2257, 4.0999,
47.3193

Harmonies

Analogous

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



27.1728, 29.8083, 51.8890



30.2330, 29.8083, 51.1738



32.9604, 29.8083, 44.9408

Triad

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



30.2330, 29.8083, 51.1738



32.4090, 29.8083, 21.4217



22.9570, 29.8083, 29.2052

Complementary

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



30.2330, 29.8083, 51.1738



42.0296, 45.9440, 31.8531

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.



24.1583, 29.8083, 22.5285



30.2330, 29.8083, 51.1738



29.5235, 29.8083, 18.6050

Square

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



30.2330, 29.8083, 51.1738



34.2776, 29.8083, 27.4151



26.5122, 29.8083, 18.9700



23.1168, 29.8083, 38.0801

Rectangle

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



30.2330, 29.8083, 51.1738



34.1551, 29.8083, 39.0338



26.5122, 29.8083, 18.9700



23.2113, 29.8083, 26.6624

Sweetspot

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



30.2340, 29.8095, 51.1745



74.7135, 77.4931, 95.2212



37.1611, 44.5662, 50.7016



16.2779, 16.8607, 20.9391



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.2340, 29.8095, 51.1745



48.3667, 46.5572, 90.6386



32.7207, 29.9720, 51.0748



9.0978, 9.3879, 12.0047



6.3835, 2.8788, 32.6121



0.2782, 0.1690, 1.2868

Inverse Universe

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



35.2075, 31.6907, 31.4566



58.9823, 50.7052, 48.5225



39.0196, 45.9399, 32.0109



9.5712, 9.5528, 10.1310



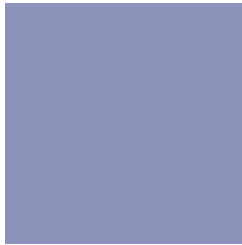
14.2229, 7.3203, 1.2014



0.5713, 0.2924, 0.1219

Previews

White Background



This preview shows how the XYZ color 30.2330, 29.8083, 51.1738 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 30.2330, 29.8083, 51.1738 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 30.2330, 29.8083, 51.1738

Background



This preview shows how black text looks on a background with the XYZ color 30.2330, 29.8083, 51.1738.



This preview shows how white text looks on a background with the XYZ color 30.2330, 29.8083,

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

30.2330, 29.8083, 51.1738

Protanopia

29.9921, 29.9016, 51.7678

Deuteranopia

30.4227, 29.6783, 51.1387



Tritanopia

27.5813, 29.6556, 38.4528

Trichromacy



Original Color

30.2330, 29.8083, 51.1738

Protanomaly

30.1583, 29.9872, 51.7756

Deuteranomaly

30.2504, 29.5894, 51.1307

Tritanomaly

28.5794, 29.8384, 42.7812

Monochromacy



Original Color

30.2330, 29.8083, 51.1738

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0548, 29.9351, 38.8970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2330, 29.8083, 51.1738 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 187) }
```

Border

The CSS property to change the border of an element to XYZ 30.2330, 29.8083, 51.1738 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, 187) }
```


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

```
.border{ border-color:rgb(141, 146, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 146, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 146, 187);  
box-shadow:4px 4px 4px 4px rgb(141, 146,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2330, 29.8083, 51.1738 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, 187) }
```

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

```
.background{ background-color: rgb(141,  
146, 187) }
```

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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