

Converting Colors

XYZ(30.2137, 30.3050, 50.6490)

Have a look what the booklet for
XYZ(30.2137, 30.3050, 50.6490)
contains.

XYZ(30.2680, 30.3004, 50.7076)	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(30.2680, 30.3004,
50.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	8C94BA
RGB	140, 148, 186
RGB Percent	55%, 58%, 73%
CMY	0.4510, 0.4196, 0.2706
CMYK	0.25, 0.20, 0.00, 0.27
HSL	230°, 25%, 64%
HSV	230°, 25%, 73%
XYZ	30.2680, 30.3004, 50.7076
YIQ	149.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

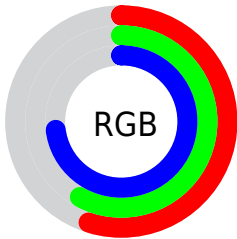
Format	Color
RYB	140, 147, 186
Decimal	9213114
CIELab	61.91, 5.61, -20.69
CIElCh	62, 21.441, 285.177
Yxy	30.3004, 0.2720, 0.2723
Android (android.graphics.Color)	4287403194 (0xFF8C94BA)
YUV	149.9400, 17.7776, -8.7174
Hunter-Lab	55.0458, 1.8215, -16.0853

Details

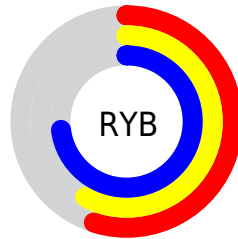
The XYZ color **30.2680, 30.3004, 50.7076** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.9040, 44.1734, 31.1822**, and the grayscale version is **28.8969, 30.4018, 33.1075**.

A 20% lighter version of the original color is **59.3957, 60.1212, 92.4785**, and **12.6282, 12.3667, 23.9117** is the 20% darker color. If you saturate the color by 10%, you get **25.1427, 24.3155, 49.8230**, and if you desaturate by 10%, it is **36.2449, 37.2007, 51.7250**.

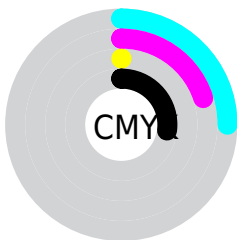
Distribution



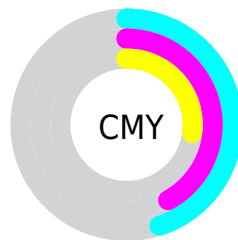
- Red (55%)
- Green (58%)
- Blue (73%)



- Red (55%)
- Yellow (58%)
- Blue (73%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2680, 30.3004, 50.7076 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 30.2680, 30.3004, 50.7076 by changing the saturation by 10% instead.

■ 30.2680, 30.3004,
50.7076

■ 30.2680, 30.3004,
50.7076

295.0391,
303.3022, 406.2407

■ 20.1912, 20.0667,
35.6008

■ 59.4695, 60.1369,
92.6295

■ 12.6432, 12.4435,
23.8388

■ 79.3248, 80.5085,
120.2817

■ 7.2586, 7.0465,
15.0030

■ 103.1704,
105.0283, 152.9528

■ 3.6721, 3.4912,
8.6749

131.3716,
134.0805, 191.0613

■ 1.5184, 1.3932,
4.4358

164.2937,
168.0496, 235.0259

■ 0.3383, 0.2117,
1.8673

202.3021,

■ 0.0000, 0.0000,

207.3200, 285.2649

0.4718

245.7621,
252.2760, 342.1970

■ 0.0000, 0.0000,
0.0000

■ 30.2680, 30.3004,
50.7076

■ 30.2680, 30.3004,
50.7076

■ 25.1427, 24.3155,
49.8230

■ 36.2449, 37.2007,
51.7250

■ 20.8270, 19.2035,
49.0638

■ 43.1071, 45.0492,
52.8782

■ 17.2797, 14.9242,
48.4248

■ 50.8900, 53.8814,
54.1728

■ 14.4544, 11.4325,
47.8997

■ 59.6262, 63.7300,
55.6133

■ 12.3000, 8.6789,
47.4818

■ 69.3465, 74.6262,
57.2042

■ 10.7582, 6.6082,
47.1633

■ 80.0807, 86.5996,
58.9495

■ 9.7597, 5.1565,
46.9358

■ 85.8630, 96.3252,
60.5220

■ 9.3891, 4.5974,
46.8474

Harmonies

Analogous

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



27.4114, 30.3004, 50.7413



30.2680, 30.3004, 50.7076



32.8919, 30.3004, 45.4278

Triad

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



30.2680, 30.3004, 50.7076



32.8656, 30.3004, 23.0077



23.7895, 30.3004, 29.1133

Complementary

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



30.2680, 30.3004, 50.7076



40.9040, 44.1734, 31.1822

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.



25.0617, 30.3004, 23.0620



30.2680, 30.3004, 50.7076



30.2340, 30.3004, 19.9555

Square

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



30.2680, 30.3004, 50.7076



34.4580, 30.3004, 29.0266



27.3795, 30.3004, 19.9735



23.7973, 30.3004, 37.3030

Rectangle

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



30.2680, 30.3004, 50.7076



34.1017, 30.3004, 40.0783



27.3795, 30.3004, 19.9735



24.0777, 30.3004, 26.7944

Sweetspot

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



30.2690, 30.3016, 50.7083



75.0173, 78.1006, 95.3225



36.3672, 43.8908, 48.4473



16.3499, 17.0048, 20.9631



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.



30.2690, 30.3016, 50.7083



49.3227, 48.4691, 90.9573



31.6763, 29.2279, 50.4269



8.6440, 8.9653, 11.3543



6.3559, 3.1715, 31.5302



0.2632, 0.1900, 1.1246

Inverse Universe

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



34.9738, 31.3342, 32.2230



59.4649, 50.8982, 51.0634



39.1823, 45.7185, 31.5712



9.0667, 9.0370, 9.6985



13.8219, 7.1025, 1.6828



0.5070, 0.2583, 0.1632

Previews

White Background



This preview shows how the XYZ color 30.2680, 30.3004, 50.7076 looks on a white background.

Color Contrast Check

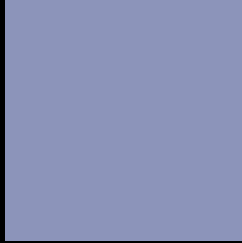
Large Text (above 18pt) WCAG AA × Fail

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 30.2680, 30.3004, 50.7076 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 ✓ Pass

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

XYZ 30.2680, 30.3004, 50.7076

Background



This preview shows how black text looks on a background with the XYZ color 30.2680, 30.3004, 50.7076.



This preview shows how white text looks on a background with the XYZ color 30.2680, 30.3004,

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

30.2680, 30.3004, 50.7076

Protanopia

30.2680, 30.3004, 50.7076

Deuteranopia

30.8189, 30.1227, 50.6443



Tritanopia

28.0824, 30.3710, 39.5041

Trichromacy



Original Color

30.2680, 30.3004, 50.7076

Protanomaly

30.2680, 30.3004, 50.7076

Deuteranomaly

30.6243, 30.2522, 50.6796

Tritanomaly

28.8295, 30.4301, 43.3839

Monochromacy



Original Color

30.2680, 30.3004, 50.7076

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.2124, 30.2502, 38.9496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2680, 30.3004, 50.7076 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, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(140, 148, 186)  
}
```

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, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 148, 186) }
```

Border

The CSS property to change the border of an element to XYZ 30.2680, 30.3004, 50.7076 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, 148, 186) }
```


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

```
.border{ border-color:rgb(140, 148, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(140, 148,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2680, 30.3004, 50.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 148, 186) }
```

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

```
.background{ background-color: rgb(140,  
148, 186) }
```

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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