

Converting Colors

XYZ(30.4674, 28.0450, 38.6498)

Have a look what the booklet for
XYZ(30.4674, 28.0450, 38.6498)
contains.

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Color

**XYZ(30.3153, 27.9340,
38.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	A288A3
RGB	162, 136, 163
RGB Percent	64%, 53%, 64%
CMY	0.3647, 0.4667, 0.3608
CMYK	0.01, 0.17, 0.00, 0.36
HSL	298°, 13%, 59%
HSV	298°, 17%, 64%
XYZ	30.3153, 27.9340, 38.4444
YIQ	146.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

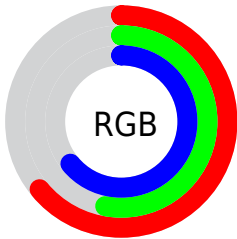
Format	Color
R_{YB}	162, 136, 163
Decimal	10651811
CIE _{Lab}	59.83, 14.77, -10.62
CIE _{LCh}	60, 18.192, 324.290
Yxy	27.9340, 0.3135, 0.2889
Android (android.graphics.Color)	4288841891 (0xFFA288A3)
YUV	146.8520, 7.9610, 13.2848
Hunter-Lab	52.8526, 9.8922, -6.1300

Details

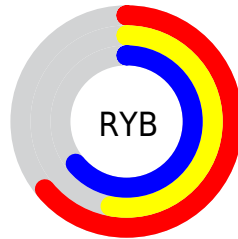
The XYZ color **30.3153, 27.9340, 38.4444** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **27.8587, 33.2911, 28.2514**, and the grayscale version is **27.6389, 29.0783, 31.6662**.

A 20% lighter version of the original color is **59.4678, 56.2089, 74.0448**, and **12.6274, 11.1183, 16.5194** is the 20% darker color. If you saturate the color by 10%, you get **28.0700, 23.6245, 37.7313**, and if you desaturate by 10%, it is **32.9120, 32.9444, 39.2751**.

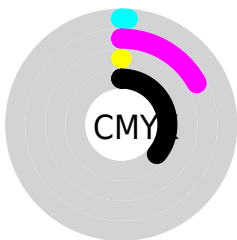
Distribution



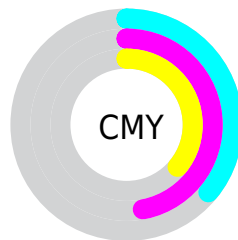
- Red (64%)
- Green (53%)
- Blue (64%)



- Red (64%)
- Yellow (53%)
- Blue (64%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3153, 27.9340, 38.4444 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 30.3153, 27.9340, 38.4444 by changing the saturation by 10% instead.

■ 30.3153, 27.9340,
38.4444

■ 30.3153, 27.9340,
38.4444

295.2549,
292.1514, 354.8777

■ 20.2273, 18.2759,
26.0233

■ 59.5437, 56.3791,
73.9997

■ 12.6696, 11.1483,
16.6151

■ 79.4147, 75.9348,
97.9710

■ 7.2769, 6.1666,
9.8014

■ 103.2775, 99.5586,
126.6295

■ 3.6837, 2.9467,
5.1636

131.4974,
127.6348, 160.3936

■ 1.5248, 1.1040,
2.2832

164.4397,
160.5477, 199.6819

■ 0.3426, 0.0000,
0.7218

202.4698,

■ 0.0000, 0.0000,

198.6819, 244.9130

0.0000

245.9531,
242.4217, 296.5054

■ 30.3153, 27.9340,
38.4444

■ 30.3153, 27.9340,
38.4444

■ 28.0700, 23.6245,
37.7313

■ 32.9120, 32.9444,
39.2751

■ 26.1578, 19.9810,
37.1288

■ 35.8723, 38.6817,
40.2264

■ 24.5628, 16.9707,
36.6319

■ 39.2109, 45.1746,
41.3037

■ 23.2663, 14.5569,
36.2343

■ 42.9410, 52.4497,
42.5114

■ 22.2483, 12.6989,
35.9293

■ 47.0751, 60.5318,
43.8535

■ 21.4858, 11.3512,
35.7094

■ 51.6251, 69.4449,
45.3341

■ 20.9524, 10.4608,
35.5656

■ 56.6025, 79.2120,
46.9570

■ 20.6099, 9.9514,
35.4853

■ 58.2715, 82.3614,
47.4769

■ 20.5086, 9.8089,
35.4632

■ 58.3992, 82.4273,
47.4829

Harmonies

Analogous

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



28.4161, 27.9340, 43.5178



30.3153, 27.9340, 38.4444



31.2105, 27.9340, 31.6962

Triad

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



30.3153, 27.9340, 38.4444



26.9940, 27.9340, 19.4503



22.7111, 27.9340, 35.9428

Complementary

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



30.3153, 27.9340, 38.4444



27.8587, 33.2911, 28.2514

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.



22.3789, 27.9340, 29.1695



30.3153, 27.9340, 38.4444



24.7682, 27.9340, 20.2484

Square

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



30.3153, 27.9340, 38.4444



29.2231, 27.9340, 21.2269



23.1109, 27.9340, 23.5901



24.0459, 27.9340, 41.9334

Rectangle

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



30.3153, 27.9340, 38.4444



31.0824, 27.9340, 27.3879



23.1109, 27.9340, 23.5901



22.4819, 27.9340, 33.6581

Sweetspot

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



30.3161, 27.9352, 38.4450



59.6799, 60.4276, 70.5743



25.7609, 25.8709, 38.2866



13.3280, 13.4251, 15.8264



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.3161, 27.9352, 38.4450



52.6889, 46.9447, 68.3403



29.4830, 27.6255, 32.9936



7.3383, 7.1888, 8.9039



15.9475, 7.6277, 27.5616



0.3425, 0.1641, 0.5795

Inverse Universe

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



28.4247, 27.2022, 27.4206



48.6381, 45.3762, 44.6670



28.6087, 33.5722, 33.0525



7.0839, 7.0900, 7.4283



11.7683, 6.0634, 0.7047



0.2503, 0.1286, 0.0306

Previews

White Background



This preview shows how the XYZ color 30.3153, 27.9340, 38.4444 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 30.3153, 27.9340, 38.4444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

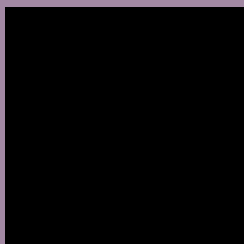
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3153, 27.9340, 38.4444

Background



This preview shows how black text looks on a background with the XYZ color 30.3153, 27.9340, 38.4444.



This preview shows how white text looks on a background with the XYZ color 30.3153, 27.9340,

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

30.3153, 27.9340, 38.4444

Protanopia

27.7056, 28.0475, 40.9993

Deuteranopia

28.4773, 27.8488, 38.0569



Tritanopia

29.0105, 27.8205, 32.2746

Trichromacy



Original Color

30.3153, 27.9340, 38.4444

Protanomaly

28.4738, 27.8052, 39.9426

Deuteranomaly

29.0806, 27.9439, 38.0434

Tritanomaly

29.4763, 27.8015, 34.3845

Monochromacy



Original Color

30.3153, 27.9340, 38.4444

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5211, 28.6202, 34.1580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3153, 27.9340, 38.4444 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(162, 136, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 136, 163)  
}
```

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(162, 136, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 136, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.3153, 27.9340, 38.4444 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(162, 136, 163) }
```


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

```
.border{ border-color:rgb(162, 136, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 136, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 136, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 136, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 136,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3153, 27.9340, 38.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 136, 163) }
```

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

```
.background{ background-color: rgb(162,  
136, 163) }
```

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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