

Converting Colors

XYZ(30.6824, 30.6609, 43.1159)

Have a look what the booklet for
XYZ(30.6824, 30.6609, 43.1159)
contains.

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Color

**XYZ(30.7988, 30.7377,
43.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	9794AC
RGB	151, 148, 172
RGB Percent	59%, 58%, 67%
CMY	0.4078, 0.4196, 0.3255
CMYK	0.12, 0.14, 0.00, 0.33
HSL	247°, 13%, 63%
HSV	247°, 14%, 67%
XYZ	30.7988, 30.7377, 43.3394
YIQ	151.6330, -5.9160, 8.1000

Conversions

Conversions Part 2

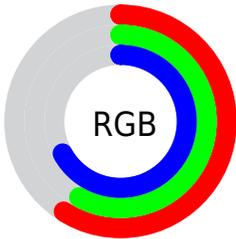
Format	Color
RYB	151, 148, 172
Decimal	9933996
CIELab	62.29, 5.99, -12.14
CIELCh	62, 13.541, 296.252
Yxy	30.7377, 0.2937, 0.2931
Android (android.graphics.Color)	4288124076 (0xFF9794AC)
YUV	151.6330, 10.0409, -0.5551
Hunter-Lab	55.4416, 2.1372, -7.5386

Details

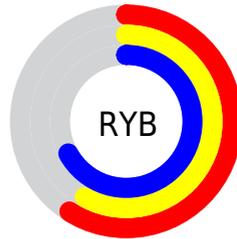
The XYZ color **30.7988, 30.7377, 43.3394** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4611, 40.0790, 33.8328**, and the grayscale version is **29.6477, 31.1917, 33.9678**.

A 20% lighter version of the original color is **60.1625, 60.7662, 81.2312**, and **12.9204, 12.6148, 19.5232** is the 20% darker color. If you saturate the color by 10%, you get **25.6817, 24.3885, 42.3841**, and if you desaturate by 10%, it is **36.6754, 38.0751, 44.4464**.

Distribution



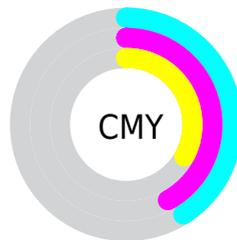
- Red (59%)
- Green (58%)
- Blue (67%)



- Red (59%)
- Yellow (58%)
- Blue (67%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7988, 30.7377, 43.3394 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 30.7988, 30.7377, 43.3394 by changing the saturation by 10% instead.

■ 30.7988, 30.7377,
43.3394

■ 30.7988, 30.7377,
43.3394

297.4538,
305.3281, 375.9678

■ 20.5968, 20.3992,
29.8181

■ 60.3012, 60.8269,
81.5146

■ 12.9403, 12.6856,
19.4497

■ 80.3322, 81.3463,
107.0057

■ 7.4642, 7.2124,
11.8156

104.3703,
106.0282, 137.3237

■ 3.8030, 3.5953,
6.4972

132.7808,
135.2569, 172.8873

■ 1.5913, 1.4498,
3.0761

165.9290,
169.4169, 214.1149

■ 0.3867, 0.2530,
1.1336

204.1803,

■ 0.0000, 0.0000,

208.8925, 261.4252

0.0000

247.9001,
254.0681, 315.2367

■ 30.7988, 30.7377,
43.3394

■ 30.7988, 30.7377,
43.3394

■ 25.6817, 24.3885,
42.3841

■ 36.6754, 38.0751,
44.4464

■ 21.2901, 18.9816,
41.5719

■ 43.3377, 46.4365,
45.7092

■ 17.5920, 14.4730,
40.8965

■ 50.8146, 55.8605,
47.1341

■ 14.5515, 10.8137,
40.3505

■ 59.1321, 66.3828,
48.7267

■ 12.1295, 7.9503,
39.9254

■ 68.3155, 78.0371,
50.4922

■ 10.2830, 5.8228,
39.6121

■ 78.3889, 90.8559,
52.4356

■ 8.9630, 4.3630,
39.3999

■ 84.4465, 95.7586,
53.0626

■ 8.1122, 3.4895,
39.2762

■ 7.7662, 3.1434,
39.2276

Harmonies

Analogous

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



28.9860, 30.7377, 44.5595



30.7988, 30.7377, 43.3394



32.2385, 30.7377, 39.3817

Triad

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



30.7988, 30.7377, 43.3394



31.2131, 30.7377, 25.7717



25.8442, 30.7377, 32.8141

Complementary

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



30.7988, 30.7377, 43.3394



36.4611, 40.0790, 33.8328

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.



26.3872, 30.7377, 28.1783



30.7988, 30.7377, 43.3394



29.4458, 30.7377, 24.3893

Square

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



30.7988, 30.7377, 43.3394



32.4846, 30.7377, 29.2073



27.6870, 30.7377, 25.2226



26.1730, 30.7377, 38.1244

Rectangle

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



30.7988, 30.7377, 43.3394



32.7666, 30.7377, 35.9195



27.6870, 30.7377, 25.2226



25.9303, 30.7377, 31.1310

Sweetspot

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



30.7997, 30.7390, 43.3401



66.3977, 68.9028, 80.6058



33.8853, 37.7257, 44.5260



14.2493, 14.7483, 17.4834



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.7997, 30.7390, 43.3401



52.6112, 51.7063, 78.0132



33.1007, 31.9252, 43.4478



7.6685, 7.8034, 10.0547



5.8059, 2.3529, 29.1927



0.1900, 0.0802, 0.8134

Inverse Universe

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



34.7656, 32.8164, 42.0394



61.3465, 56.2833, 75.0869



34.0425, 38.8321, 33.7196



8.2934, 8.1306, 9.8556



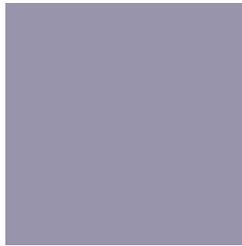
16.8019, 8.1833, 22.4001



0.4792, 0.2324, 0.6853

Previews

White Background



This preview shows how the XYZ color 30.7988, 30.7377, 43.3394 looks on a white background.

Color Contrast Check

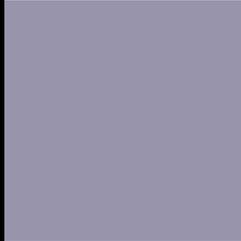
Large Text (above 18pt) WCAG AA × Fail

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 30.7988, 30.7377, 43.3394 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 30.7988, 30.7377, 43.3394

Background



This preview shows how black text looks on a background with the XYZ color 30.7988, 30.7377, 43.3394.



This preview shows how white text looks on a background with the XYZ color 30.7988, 30.7377,

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

30.7988, 30.7377, 43.3394

Protanopia

30.1443, 30.6230, 43.8572

Deuteranopia

31.3977, 30.8146, 43.3227



Tritanopia

29.8224, 30.8109, 38.5577

Trichromacy



Original Color

30.7988, 30.7377, 43.3394

Protanomaly

30.5030, 30.8079, 43.8740

Deuteranomaly

31.2065, 30.7160, 43.3137

Tritanomaly

30.2081, 30.7321, 40.4161

Monochromacy



Original Color

30.7988, 30.7377, 43.3394

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2735, 31.3118, 37.2491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7988, 30.7377, 43.3394 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(151, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 172)  
}
```

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(151, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.7988, 30.7377, 43.3394 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(151, 148, 172) }
```

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

```
.border{ border-color:rgb(151, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(151, 148,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7988, 30.7377, 43.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 148, 172) }
```

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

```
.background{ background-color: rgb(151,  
148, 172) }
```

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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