

Converting Colors

XYZ(30.3307, 32.4371, 36.2714)

Have a look what the booklet for
XYZ(30.3307, 32.4371, 36.2714)
contains.

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Color

**XYZ(30.2998, 32.3270,
36.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	969B9C
RGB	150, 155, 156
RGB Percent	59%, 61%, 61%
CMY	0.4118, 0.3921, 0.3882
CMYK	0.04, 0.01, 0.00, 0.39
HSL	190°, 3%, 60%
HSV	190°, 4%, 61%
XYZ	30.2998, 32.3270, 36.0953
YIQ	153.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

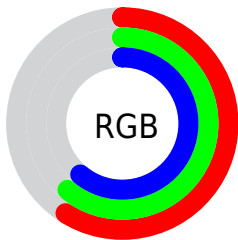
Format	Color
RYB	150, 153, 156
Decimal	9870236
CIELab	63.61, -1.59, -1.16
CIELCh	64, 1.969, 215.956
Yxy	32.3270, 0.3069, 0.3275
Android (android.graphics.Color)	4288060316 (0xFF969B9C)
YUV	153.6190, 1.1738, -3.1739
Hunter-Lab	56.8568, -4.3743, 2.1598

Details

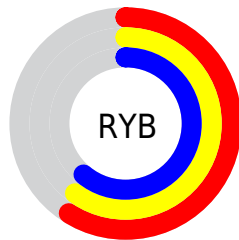
The XYZ color **30.2998, 32.3270, 36.0953** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2821, 31.4030, 33.3201**, and the grayscale version is **30.5451, 32.1358, 34.9959**.

A 20% lighter version of the original color is **59.3352, 63.0914, 70.0233**, and **12.6457, 13.5732, 15.3180** is the 20% darker color. If you saturate the color by 10%, you get **27.1913, 30.0914, 35.8281**, and if you desaturate by 10%, it is **33.8016, 34.7810, 36.3849**.

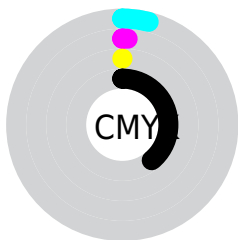
Distribution



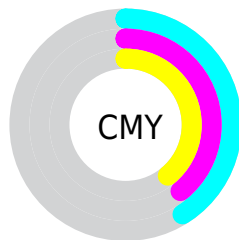
- Red (59%)
- Green (61%)
- Blue (61%)



- Red (59%)
- Yellow (60%)
- Blue (61%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2998, 32.3270, 36.0953 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 30.2998, 32.3270, 36.0953 by changing the saturation by 10% instead.

■ 30.2998, 32.3270,
36.0953

■ 30.2998, 32.3270,
36.0953

295.1842,
312.6062, 344.4269

■ 20.2155, 21.6114,
24.2175

■ 59.5194, 63.3234,
70.3498

■ 12.6609, 13.5716,
15.2814

■ 79.3853, 84.3729,
93.5637

■ 7.2709, 7.8233,
8.8683

103.2424,
109.6359, 121.3933

■ 3.6799, 3.9821,
4.5597

131.4562,
139.4967, 154.2572

■ 1.5227, 1.6636,
1.9372

164.3919,
174.3398, 192.5740

■ 0.3412, 0.3999,
0.5162

202.4149,

■ 0.0000, 0.0000,

214.5494, 236.7622

0.0000

245.8905,
260.5101, 287.2403

■ 30.2998, 32.3270,
36.0953

■ 30.2998, 32.3270,
36.0953

■ 27.1913, 30.0914,
35.8281

■ 33.8016, 34.7810,
36.3849

■ 24.4583, 28.0621,
35.5805

■ 37.7083, 37.4566,
36.6954

■ 22.0857, 26.2322,
35.3523

■ 42.0341, 40.3622,
37.0283

■ 20.0563, 24.5928,
35.1428

■ 46.7919, 43.5046,
37.3841

■ 18.3514, 23.1341,
34.9511

■ 51.9941, 46.8902,
37.7633

■ 16.9506, 21.8455,
34.7762

■ 57.6525, 50.5251,
38.1667

■ 15.8311, 20.7151,
34.6171

■ 62.2154, 53.6095,
38.5216

■ 14.9666, 19.7294,
34.4724

■ 62.7183, 54.6152,
38.6892

■ 14.3259, 18.8721,
34.3406

■ 63.2309, 55.6404,
38.8601

Harmonies

Analogous

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



30.2029, 32.3270, 35.3560



30.2998, 32.3270, 36.0953



30.5109, 32.3270, 36.5998

Triad

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



30.2998, 32.3270, 36.0953



31.2113, 32.3270, 35.8192



30.6710, 32.3270, 33.7138

Complementary

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



30.2998, 32.3270, 36.0953



30.2821, 31.4030, 33.3201

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.



30.9418, 32.3270, 33.8337



30.2998, 32.3270, 36.0953



31.2548, 32.3270, 35.0417

Square

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



30.2998, 32.3270, 36.0953



31.0374, 32.3270, 36.4387



31.1559, 32.3270, 34.3169



30.4164, 32.3270, 33.9869

Rectangle

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



30.2998, 32.3270, 36.0953



30.6886, 32.3270, 36.7309



31.1559, 32.3270, 34.3169



30.7632, 32.3270, 33.7095

Sweetspot

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



30.3007, 32.3284, 36.0960



56.7577, 59.9353, 65.7040



30.0445, 32.4927, 33.9244



12.4976, 13.1943, 14.4584



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.3007, 32.3284, 36.0960



54.2878, 58.1864, 65.4966



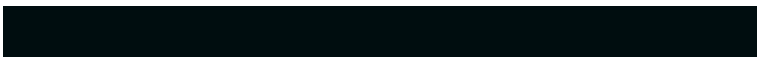
29.8235, 31.3739, 35.9369



7.0038, 7.5193, 8.4889



11.5462, 15.1839, 28.2295



0.2292, 0.3170, 0.5123

Inverse Universe

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



30.5338, 31.2479, 35.4340



54.8458, 55.6107, 63.9092



30.7550, 32.3487, 33.4777



7.0825, 7.1569, 8.2651



14.6262, 7.1550, 18.0803



0.2730, 0.1325, 0.3838

Previews

White Background



This preview shows how the XYZ color 30.2998, 32.3270, 36.0953 looks on a white background.

Color Contrast Check

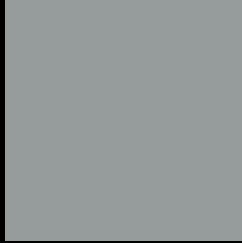
Large Text (above 18pt) WCAG AA × Fail

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 30.2998, 32.3270, 36.0953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

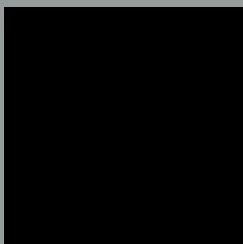
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

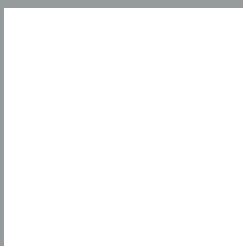
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2998, 32.3270, 36.0953

Background



This preview shows how black text looks on a background with the XYZ color 30.2998, 32.3270, 36.0953.



This preview shows how white text looks on a background with the XYZ color 30.2998, 32.3270, 36.0953.

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

30.2998, 32.3270, 36.0953

Protanopia

31.0179, 32.2169, 35.5940

Deuteranopia

32.7696, 32.1447, 36.3757



Tritanopia

31.3874, 32.5398, 40.7029

Trichromacy



Original Color

30.2998, 32.3270, 36.0953

Protanomaly

30.7984, 32.3478, 35.6308

Deuteranomaly

31.8504, 32.1446, 36.4241

Tritanomaly

30.8397, 32.2991, 38.7914

Monochromacy



Original Color

30.2998, 32.3270, 36.0953

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.6089, 32.2501, 35.6220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2998, 32.3270, 36.0953 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, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(150, 155, 156)  
}
```

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, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 155, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.2998, 32.3270, 36.0953 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, 155, 156) }
```


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

```
.border{ border-color:rgb(150, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(150, 155,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2998, 32.3270, 36.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 155, 156) }
```

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

```
.background{ background-color: rgb(150,  
155, 156) }
```

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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