

Converting Colors

XYZ(30.3964, 30.9057, 36.8198)

Have a look what the booklet for
XYZ(30.3964, 30.9057, 36.8198)
contains.

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Color

**XYZ(30.4366, 30.9321,
36.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	9B959E
RGB	155, 149, 158
RGB Percent	61%, 58%, 62%
CMY	0.3922, 0.4157, 0.3804
CMYK	0.02, 0.06, 0.00, 0.38
HSL	280°, 4%, 60%
HSV	280°, 6%, 62%
XYZ	30.4366, 30.9321, 36.7141
YIQ	151.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

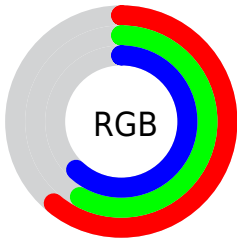
Format	Color
RYB	155, 149, 158
Decimal	10196382
CIELab	62.45, 3.93, -3.95
CIELCh	62, 5.568, 314.873
Yxy	30.9321, 0.3103, 0.3154
Android (android.graphics.Color)	4288386462 (0xFF9B959E)
YUV	151.8200, 3.0467, 2.7889
Hunter-Lab	55.6166, 0.3563, -0.2073

Details

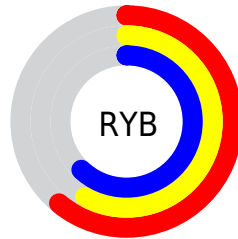
The XYZ color **30.4366, 30.9321, 36.7141** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6017, 33.2999, 33.2500**, and the grayscale version is **29.7553, 31.3049, 34.0910**.

A 20% lighter version of the original color is **59.6607, 61.0713, 71.5943**, and **12.7304, 12.7400, 15.6980** is the 20% darker color. If you saturate the color by 10%, you get **27.1157, 25.7583, 35.8909**, and if you desaturate by 10%, it is **34.1425, 36.8096, 37.6537**.

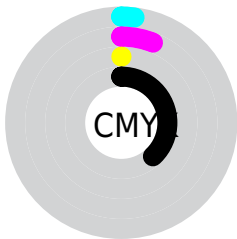
Distribution



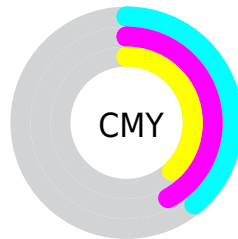
- Red (61%)
- Green (58%)
- Blue (62%)



- Red (61%)
- Yellow (58%)
- Blue (62%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4366, 30.9321, 36.7141 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 30.4366, 30.9321, 36.7141 by changing the saturation by 10% instead.

■ 30.4366, 30.9321,
36.7141

■ 30.4366, 30.9321,
36.7141

295.8077,
306.2254, 347.2024

■ 20.3199, 20.5471,
24.6922

■ 59.7339, 61.1332,
71.3143

■ 12.7374, 12.7934,
15.6309

■ 79.6452, 81.7180,
94.7296

■ 7.3237, 7.2864,
9.1118

103.5520,
106.4717, 122.7797

■ 3.7135, 3.6419,
4.7164

131.8199,
135.7785, 155.8833

■ 1.5414, 1.4753,
2.0260

164.8140,
170.0229, 194.4588

■ 0.3537, 0.2713,
0.5712

202.8998,

■ 0.0000, 0.0000,

209.5893, 238.9248

0.0000

246.4426,
254.8620, 289.6998

■ 30.4366, 30.9321,
36.7141

■ 30.4366, 30.9321,
36.7141

■ 27.1157, 25.7583,
35.8909

■ 34.1425, 36.8096,
37.6537

■ 24.1631, 21.2567,
35.1777

■ 38.2442, 43.4127,
38.7121

■ 21.5645, 17.3996,
34.5701

■ 42.7551, 50.7672,
39.8939

■ 19.3039, 14.1554,
34.0631

■ 47.6874, 58.8965,
41.2030

■ 17.3638, 11.4900,
33.6509

■ 53.0525, 67.8230,
42.6432

■ 15.7250, 9.3659,
33.3273

■ 58.8617, 77.5680,
44.2180

■ 14.3659, 7.7411,
33.0853

■ 63.6390, 85.1792,
45.4354

■ 13.2618, 6.5670,
32.9168

■ 64.9959, 85.8787,
45.4989

■ 12.3799, 5.7787,
32.8112

■ 66.4010, 86.6031,
45.5646

Harmonies

Analogous

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



29.7744, 30.9321, 37.8617



30.4366, 30.9321, 36.7141



30.8244, 30.9321, 34.7769

Triad

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



30.4366, 30.9321, 36.7141



29.7806, 30.9321, 29.8222



28.0186, 30.9321, 34.7587

Complementary

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



30.4366, 30.9321, 36.7141



30.6017, 33.2999, 33.2500

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.



28.0203, 30.9321, 32.6060



30.4366, 30.9321, 36.7141



29.0288, 30.9321, 29.8178

Square

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



30.4366, 30.9321, 36.7141



30.4413, 30.9321, 30.8298



28.3873, 30.9321, 30.8175



28.3828, 30.9321, 36.7003

Rectangle

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



30.4366, 30.9321, 36.7141



30.8709, 30.9321, 33.3277



28.3873, 30.9321, 30.8175



27.9766, 30.9321, 34.0343

Sweetspot

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



30.4375, 30.9334, 36.7148



57.6510, 59.9247, 67.2715



29.8198, 31.3647, 36.8306



13.0152, 13.5382, 15.1708



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.4375, 30.9334, 36.7148



54.3612, 54.7413, 66.4444



30.9049, 31.1877, 36.1335



6.8335, 6.8697, 8.3725



9.6816, 4.4201, 26.2501



0.2160, 0.1012, 0.4714

Inverse Universe

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



30.5166, 31.0324, 34.0888



54.5443, 54.9673, 60.5056



30.1557, 33.0574, 33.7949



6.8575, 6.8993, 7.5972



11.8186, 6.0320, 3.2960



0.2299, 0.1153, 0.1566

Previews

White Background



This preview shows how the XYZ color 30.4366, 30.9321, 36.7141 looks on a white background.

Color Contrast Check

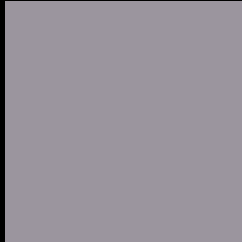
Large Text (above 18pt) WCAG AA × Fail

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 30.4366, 30.9321, 36.7141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

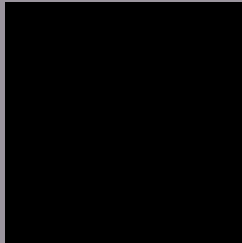
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4366, 30.9321, 36.7141

Background



This preview shows how black text looks on a background with the XYZ color 30.4366, 30.9321, 36.7141.



This preview shows how white text looks on a background with the XYZ color 30.4366, 30.9321,

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

30.4366, 30.9321, 36.7141

Protanopia

29.9269, 30.8952, 37.1869

Deuteranopia

31.3507, 30.7078, 36.6226



Tritanopia

30.6102, 31.0015, 37.6283

Trichromacy



Original Color

30.4366, 30.9321, 36.7141

Protanomaly

30.1132, 30.9913, 37.1957

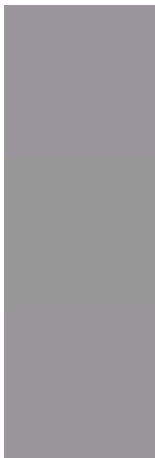
Deuteranomaly

30.9033, 30.7070, 36.6460

Tritanomaly

30.5230, 30.9667, 37.1693

Monochromacy



Original Color

30.4366, 30.9321, 36.7141

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0362, 31.2386, 35.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4366, 30.9321, 36.7141 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(155, 149, 158)` looks like.

```
.text, #text, p{  
    color:rgb(155, 149, 158)  
}
```

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(155, 149, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 149, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.4366, 30.9321, 36.7141 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(155, 149, 158) }
```


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

```
.border{ border-color:rgb(155, 149, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 149, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 149, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 149, 158);  
box-shadow:4px 4px 4px 4px rgb(155, 149,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4366, 30.9321, 36.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 149, 158) }
```

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

```
.background{ background-color: rgb(155,  
149, 158) }
```

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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