

Converting Colors

XYZ(30.4599, 30.5122, 37.1410)

Have a look what the booklet for
XYZ(30.4599, 30.5122, 37.1410)
contains.

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Color

**XYZ(30.4020, 30.4386,
37.0738)**

Conversions

Conversions Part 1

Format	Color
Hex	9C939F
RGB	156, 147, 159
RGB Percent	61%, 58%, 62%
CMY	0.3882, 0.4235, 0.3765
CMYK	0.02, 0.08, 0.00, 0.38
HSL	285°, 6%, 60%
HSV	285°, 8%, 62%
XYZ	30.4020, 30.4386, 37.0738
YIQ	151.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

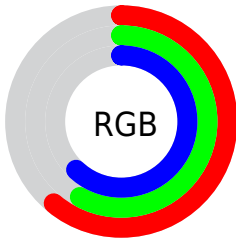
Format	Color
R _Y B	156, 147, 159
Decimal	10261407
CIE Lab	62.03, 5.61, -5.12
CIE LCh	62, 7.594, 317.586
Yxy	30.4386, 0.3105, 0.3109
Android (android.graphics.Color)	4288451487 (0xFF9C939F)
YUV	151.0590, 3.9149, 4.3333
Hunter-Lab	55.1712, 1.8126, -1.2217

Details

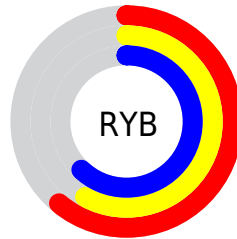
The XYZ color **30.4020, 30.4386, 37.0738** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2436, 33.3878, 32.4559**, and the grayscale version is **29.4247, 30.9571, 33.7123**.

A 20% lighter version of the original color is **59.6026, 60.3300, 72.1218**, and **12.7153, 12.4517, 15.9206** is the 20% darker color. If you saturate the color by 10%, you get **27.3418, 25.4415, 36.2710**, and if you desaturate by 10%, it is **33.8309, 36.1348, 37.9930**.

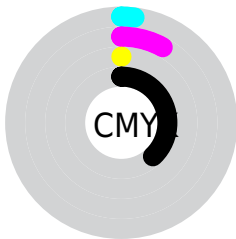
Distribution



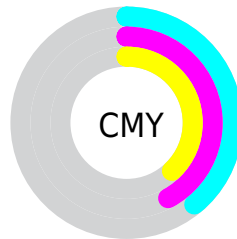
- Red (61%)
- Green (58%)
- Blue (62%)



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



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4020, 30.4386, 37.0738 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 30.4020, 30.4386, 37.0738 by changing the saturation by 10% instead.

■ 30.4020, 30.4386,
37.0738

■ 30.4020, 30.4386,
37.0738

295.6501,
303.9436, 348.8082

■ 20.2935, 20.1717,
24.9684

■ 59.6796, 60.3551,
71.8739

■ 12.7181, 12.5199,
15.8347

■ 79.5794, 80.7735,
95.4056

■ 7.3104, 7.0988,
9.2542

103.4738,
105.3446, 123.5832

■ 3.7050, 3.5240,
4.8083

131.7279,
134.4528, 156.8253

■ 1.5366, 1.4110,
2.0784

164.7073,
168.4823, 195.5502

■ 0.3506, 0.2248,
0.6029

202.7772,

■ 0.0000, 0.0000,

207.8177, 240.1767

0.0000

246.3030,
252.8433, 291.1232

■ 30.4020, 30.4386,
37.0738

■ 30.4020, 30.4386,
37.0738

■ 27.3418, 25.4415,
36.2710

■ 33.8309, 36.1348,
37.9930

■ 24.6335, 21.1116,
35.5780

■ 37.6392, 42.5526,
39.0310

■ 22.2629, 17.4203,
34.9905

■ 41.8406, 49.7182,
40.1927

■ 20.2136, 14.3354,
34.5030

■ 46.4469, 57.6555,
41.4820

■ 18.4680, 11.8219,
34.1099

■ 51.4699, 66.3872,
42.9026

■ 17.0065, 9.8410,
33.8045

■ 56.9204, 75.9350,
44.4583

■ 15.8071, 8.3492,
33.5798

■ 61.7459, 84.1933,
45.7980

■ 14.8444, 7.2958,
33.4272

■ 62.7109, 84.6907,
45.8431

■ 14.0758, 6.5963,
33.3327

■ 63.7028, 85.2021,
45.8895

Harmonies

Analogous

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



29.5271, 30.4386, 38.7855



30.4020, 30.4386, 37.0738



30.8873, 30.4386, 34.3637

Triad

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



30.4020, 30.4386, 37.0738



29.3543, 30.4386, 27.9580



27.1028, 30.4386, 34.8672

Complementary

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



30.4020, 30.4386, 37.0738



30.2436, 33.3878, 32.4559

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.



27.0590, 30.4386, 31.9505



30.4020, 30.4386, 37.0738



28.3429, 30.4386, 28.0752

Square

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



30.4020, 30.4386, 37.0738



30.2730, 30.4386, 29.1693



27.5082, 30.4386, 29.4994



27.6293, 30.4386, 37.4610

Rectangle

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



30.4020, 30.4386, 37.0738



30.9173, 30.4386, 32.4071



27.5082, 30.4386, 29.4994



27.0316, 30.4386, 33.8889

Sweetspot

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



30.4029, 30.4399, 37.0745



57.7462, 59.9737, 67.2760



29.2302, 30.5843, 37.1641



13.0354, 13.5486, 15.1718



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.



30.4029, 30.4399, 37.0745



53.5127, 52.9753, 66.1483



30.7505, 30.6469, 35.8368



6.7420, 6.6710, 8.3390



11.0167, 5.1083, 26.3126



0.2327, 0.1098, 0.4722

Inverse Universe

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



30.2380, 30.4419, 33.1381



53.1635, 52.9831, 57.6487



29.9208, 33.1957, 33.6016



6.6977, 6.6720, 7.2594



11.6072, 5.9474, 2.1823



0.2229, 0.1125, 0.1198

Previews

White Background



This preview shows how the XYZ color 30.4020, 30.4386, 37.0738 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 30.4020, 30.4386, 37.0738 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 30.4020, 30.4386, 37.0738

Background



This preview shows how black text looks on a background with the XYZ color 30.4020, 30.4386, 37.0738.



This preview shows how white text looks on a background with the XYZ color 30.4020, 30.4386,

37.0738.

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

30.4020, 30.4386, 37.0738

Protanopia

29.6703, 30.5170, 37.5843

Deuteranopia

31.0341, 30.5346, 37.0590



Tritanopia

30.4020, 30.4386, 37.0738

Trichromacy



Original Color

30.4020, 30.4386, 37.0738

Protanomaly

29.8840, 30.3933, 37.5491

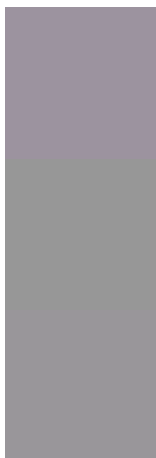
Deuteranomaly

30.8350, 30.4319, 37.0497

Tritanomaly

30.4020, 30.4386, 37.0738

Monochromacy



Original Color

30.4020, 30.4386, 37.0738

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8760, 30.9181, 34.9650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4020, 30.4386, 37.0738 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(156, 147, 159) looks like.

```
.text, #text, p{  
    color:rgb(156, 147, 159)  
}
```

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(156, 147, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 147, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.4020, 30.4386, 37.0738 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(156, 147, 159) }
```


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

```
.border{ border-color:rgb(156, 147, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 147, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 147, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 147, 159);  
box-shadow:4px 4px 4px 4px rgb(156, 147,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4020, 30.4386, 37.0738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 147, 159) }
```

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

```
.background{ background-color: rgb(156,  
147, 159) }
```

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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