

Converting Colors

XYZ(30.6080, 30.4443, 38.1327)

Have a look what the booklet for
XYZ(30.6080, 30.4443, 38.1327)
contains.

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Color

**XYZ(30.5770, 30.5086,
37.9954)**

Conversions

Conversions Part 1

Format	Color
Hex	9C93A1
RGB	156, 147, 161
RGB Percent	61%, 58%, 63%
CMY	0.3882, 0.4235, 0.3686
CMYK	0.03, 0.09, 0.00, 0.37
HSL	279°, 7%, 60%
HSV	279°, 9%, 63%
XYZ	30.5770, 30.5086, 37.9954
YIQ	151.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

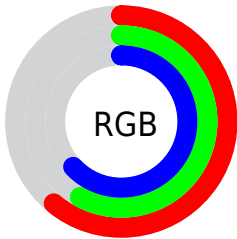
Format	Color
R_{YB}	156, 147, 161
Decimal	10261409
CIE _{Lab}	62.09, 6.00, -6.17
CIE _{LCh}	62, 8.607, 314.233
Yxy	30.5086, 0.3086, 0.3079
Android (android.graphics.Color)	4288451489 (0xFF9C93A1)
YUV	151.2870, 4.7885, 4.1333
Hunter-Lab	55.2346, 2.1543, -2.1209

Details

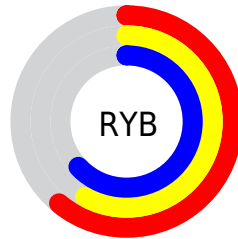
The XYZ color **30.5770, 30.5086, 37.9954** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9615, 34.2726, 32.5888**, and the grayscale version is **29.5189, 31.0562, 33.8202**.

A 20% lighter version of the original color is **59.8597, 60.4328, 73.4755**, and **12.8230, 12.4948, 16.4877** is the 20% darker color. If you saturate the color by 10%, you get **27.1601, 25.2877, 37.1682**, and if you desaturate by 10%, it is **34.3988, 36.4601, 38.9432**.

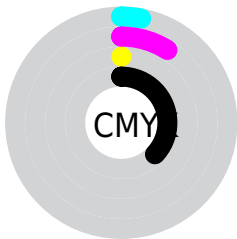
Distribution



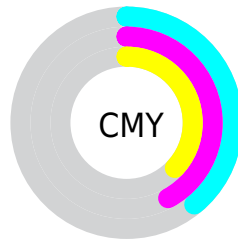
- Red (61%)
- Green (58%)
- Blue (63%)



- Red (61%)
- Yellow (58%)
- Blue (63%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5770, 30.5086, 37.9954 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 30.5770, 30.5086, 37.9954 by changing the saturation by 10% instead.

■ 30.5770, 30.5086,
37.9954

■ 30.5770, 30.5086,
37.9954

296.4466,
304.2680, 352.8978

■ 20.4272, 20.2250,
25.6773

■ 59.9539, 60.4656,
73.3044

■ 12.8160, 12.5587,
16.3588

■ 79.9116, 80.9077,
97.1325

■ 7.3781, 7.1254,
9.6213

103.8695,
105.5047, 125.6342

■ 3.7481, 3.5406,
5.0463

132.1927,
134.6411, 159.2282

■ 1.5606, 1.4201,
2.2152

165.2466,
168.7013, 198.3331

■ 0.3665, 0.2314,
0.6831

203.3967,

■ 0.0000, 0.0000,

208.0695, 243.3673

0.0000

247.0083,
253.1303, 294.7493

■ 30.5770, 30.5086,
37.9954

■ 30.5770, 30.5086,
37.9954

■ 27.1601, 25.2877,
37.1682

■ 34.3988, 36.4601,
38.9432

■ 24.1302, 20.7642,
36.4548

■ 38.6372, 43.1658,
40.0141

■ 21.4720, 16.9080,
35.8506

■ 43.3066, 50.6533,
41.2133

■ 19.1681, 13.6854,
35.3500

■ 48.4200, 58.9475,
42.5447

■ 17.1995, 11.0595,
34.9469

■ 53.9898, 68.0721,
44.0124

■ 15.5452, 8.9896,
34.6345

■ 60.0278, 78.0499,
45.6200

■ 14.1817, 7.4299,
34.4053

■ 65.0262, 85.8641,
46.8649

■ 13.0817, 6.3267,
34.2504

■ 66.5539, 86.6517,
46.9364

■ 12.1924, 5.5761,
34.1524

■ 68.1395, 87.4691,
47.0106

Harmonies

Analogous

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



29.5478, 30.5086, 39.7840



30.5770, 30.5086, 37.9954



31.1913, 30.5086, 34.9800

Triad

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



30.5770, 30.5086, 37.9954



29.6061, 30.5086, 27.4574



26.8944, 30.5086, 34.8096

Complementary

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



30.5770, 30.5086, 37.9954



30.9615, 34.2726, 32.5888

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.



26.9091, 30.5086, 31.5175



30.5770, 30.5086, 37.9954



28.4541, 30.5086, 27.4185

Square

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



30.5770, 30.5086, 37.9954



30.6207, 30.5086, 28.9701



27.4734, 30.5086, 28.8601



27.4328, 30.5086, 37.8636

Rectangle

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



30.5770, 30.5086, 37.9954



31.2728, 30.5086, 32.7507



27.4734, 30.5086, 28.8601



26.8353, 30.5086, 33.6911

Sweetspot

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



30.5779, 30.5099, 37.9961



58.5289, 60.4837, 68.9763



29.7168, 31.2774, 38.1896



12.7192, 13.0827, 15.0985



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.



30.5779, 30.5099, 37.9961



53.8020, 53.1611, 67.8120



31.4022, 30.9537, 37.1818



7.1177, 7.0750, 8.8935



9.6952, 4.4046, 27.2689



0.2523, 0.1176, 0.5753

Inverse Universe

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



30.8003, 30.7130, 34.0124



54.2718, 53.5876, 59.5048



30.1928, 33.8593, 33.3236



7.1734, 7.1258, 7.8997



12.3570, 6.2988, 3.8044



0.2816, 0.1411, 0.1955

Previews

White Background



This preview shows how the XYZ color 30.5770, 30.5086, 37.9954 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 30.5770, 30.5086, 37.9954 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 30.5770, 30.5086, 37.9954

Background



This preview shows how black text looks on a background with the XYZ color 30.5770, 30.5086, 37.9954.



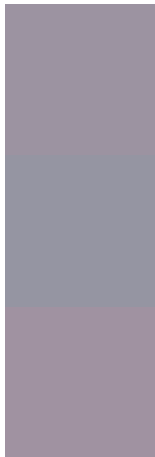
This preview shows how white text looks on a background with the XYZ color 30.5770, 30.5086,

37.9954.

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

30.5770, 30.5086, 37.9954

Protanopia

29.6635, 30.4931, 38.5047

Deuteranopia

31.2091, 30.6046, 37.9806



Tritanopia

30.4020, 30.4386, 37.0738

Trichromacy



Original Color

30.5770, 30.5086, 37.9954

Protanomaly

30.0604, 30.4638, 38.4782

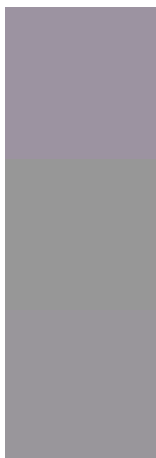
Deuteranomaly

31.0100, 30.5019, 37.9713

Tritanomaly

30.4892, 30.4734, 37.5327

Monochromacy



Original Color

30.5770, 30.5086, 37.9954

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9596, 30.9516, 35.4056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5770, 30.5086, 37.9954 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(156, 147, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 147, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.5770, 30.5086, 37.9954 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, 161) }
```


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

```
.border{ border-color:rgb(156, 147, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 147, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 147, 161);  
box-shadow:4px 4px 4px 4px rgb(156, 147,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5770, 30.5086, 37.9954 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, 161) }
```

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

```
.background{ background-color: rgb(156,  
147, 161) }
```

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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