

Converting Colors

XYZ(34.1574, 37.3884, 51.4747)

Have a look what the booklet for
XYZ(34.1574, 37.3884, 51.4747)
contains.

XYZ(34.0873, 37.3477, 51.3112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.0873, 37.3477,
51.3112)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA8B9
RGB	143, 168, 185
RGB Percent	56%, 66%, 73%
CMY	0.4392, 0.3412, 0.2745
CMYK	0.23, 0.09, 0.00, 0.27
HSL	204°, 23%, 64%
HSV	204°, 23%, 73%
XYZ	34.0873, 37.3477, 51.3112
YIQ	162.4630, -20.3570, -0.0130

Conversions

Conversions Part 2

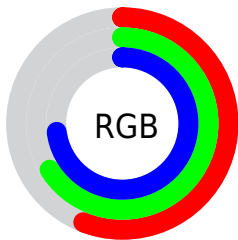
Format	Color
R _Y B	143, 159, 185
Decimal	9414841
CIE Lab	67.54, -4.83, -11.61
CIE LCh	68, 12.574, 247.391
Yxy	37.3477, 0.2777, 0.3043
Android (android.graphics.Color)	4287604921 (0xFF8FA8B9)
YUV	162.4630, 11.1107, -17.0691
Hunter-Lab	61.1128, -7.3841, -7.0018

Details

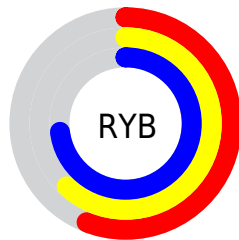
The XYZ color **34.0873, 37.3477, 51.3112** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5367, 37.4392, 31.2356**, and the grayscale version is **34.5170, 36.3146, 39.5466**.

A 20% lighter version of the original color is **65.2908, 70.9965, 93.4816**, and **14.8239, 16.4320, 24.2202** is the 20% darker color. If you saturate the color by 10%, you get **29.8025, 33.1464, 50.7267**, and if you desaturate by 10%, it is **38.9821, 41.9835, 51.9486**.

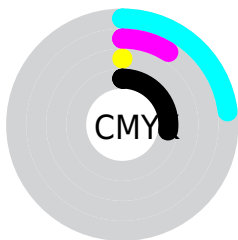
Distribution



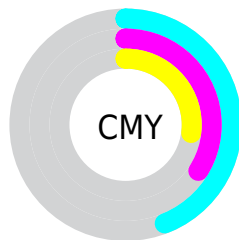
- Red (56%)
- Green (66%)
- Blue (73%)



- Red (56%)
- Yellow (62%)
- Blue (73%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0873, 37.3477, 51.3112 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 34.0873, 37.3477, 51.3112 by changing the saturation by 10% instead.

■ 34.0873, 37.3477,
51.3112

■ 34.0873, 37.3477,
51.3112

312.1002,
334.8134, 408.6527

■ 23.1239, 25.4768,
36.0779

■ 65.4128, 71.1072,
93.5308

■ 14.8062, 16.4327,
24.2042

■ 86.5056, 93.7647,
121.3542

■ 8.7689, 9.8308,
15.2716

111.7055,
120.7864, 154.2114

■ 4.6467, 5.2869,
8.8615

141.3780,
152.5568, 192.5208

■ 2.0741, 2.4166,
4.5553

175.8883,
189.4603, 236.7012

■ 0.6751, 0.8344,
1.9347

215.6019,

■ 0.0000, 0.0000,

231.8814, 287.1709

0.5147

260.8841,
280.2043, 344.3485

■ 0.0000, 0.0000,
0.0000

■ 34.0873, 37.3477,
51.3112

■ 34.0873, 37.3477,
51.3112

■ 29.8025, 33.1464,
50.7267

■ 38.9821, 41.9835,
51.9486

■ 26.0971, 29.3590,
50.1910

■ 44.5090, 47.0644,
52.6380

■ 22.9429, 25.9700,
49.7031

■ 50.6929, 52.6059,
53.3817

■ 20.3077, 22.9606,
49.2611

■ 57.5564, 58.6215,
54.1811

■ 18.1556, 20.3103,
48.8630

■ 65.1210, 65.1242,
55.0376

■ 16.4456, 17.9956,
48.5063

■ 73.4072, 72.1261,
55.9523

■ 15.1290, 15.9893,
48.1884

■ 75.6992, 76.1671,
56.6115

■ 14.3468, 14.6824,
47.9774

■ 77.7135, 80.1957,
57.2830

■ 79.8170, 84.4026,
57.9841

Harmonies

Analogous

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



32.6244, 37.3477, 47.4819



34.0873, 37.3477, 51.3112



35.9784, 37.3477, 52.1683

Triad

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



34.0873, 37.3477, 51.3112



39.3151, 37.3477, 39.3105



33.2871, 37.3477, 32.7767

Complementary

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



34.0873, 37.3477, 51.3112



37.5367, 37.4392, 31.2356

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.



35.0216, 37.3477, 30.9912



34.0873, 37.3477, 51.3112



38.5353, 37.3477, 34.5344

Square

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



34.0873, 37.3477, 51.3112



39.0429, 37.3477, 44.8987



36.9468, 37.3477, 31.6042



32.1742, 37.3477, 36.7067

Rectangle

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



34.0873, 37.3477, 51.3112



37.2364, 37.3477, 50.8738



36.9468, 37.3477, 31.6042



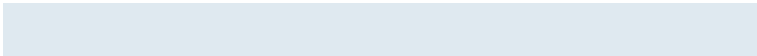
33.8143, 37.3477, 31.9228

Sweetspot

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



34.0884, 37.3492, 51.3120



75.2040, 80.1753, 93.7163



35.0051, 43.0694, 39.6351



16.0860, 17.1680, 20.1875



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.0884, 37.3492, 51.3120



57.2806, 63.2293, 91.3901



30.5503, 30.2730, 50.1327



8.9536, 9.5843, 11.4575



9.8417, 10.1431, 32.6922



0.4060, 0.4757, 1.1722

Inverse Universe

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



36.8989, 32.7873, 41.4313



63.2344, 53.9552, 70.3704



41.4494, 45.2646, 32.5398



9.2229, 9.0995, 10.5212



15.5813, 7.8063, 10.9480



0.5791, 0.2871, 0.5429

Previews

White Background



This preview shows how the XYZ color 34.0873, 37.3477, 51.3112 looks on a white background.

Color Contrast Check

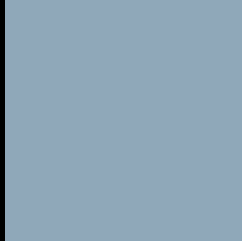
Large Text (above 18pt) WCAG AA × Fail

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 34.0873, 37.3477, 51.3112 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

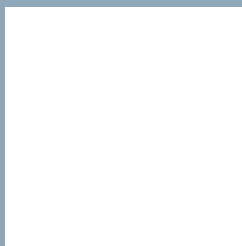
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0873, 37.3477, 51.3112

Background



This preview shows how black text looks on a background with the XYZ color 34.0873, 37.3477, 51.3112.



This preview shows how white text looks on a background with the XYZ color 34.0873, 37.3477,

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

34.0873, 37.3477, 51.3112

Protanopia

36.4410, 37.2532, 49.5259

Deuteranopia

37.9026, 37.1645, 52.1895



Tritanopia

33.7868, 37.5041, 49.7142

Trichromacy



Original Color

34.0873, 37.3477, 51.3112

Protanomaly

35.5199, 37.2977, 50.1268

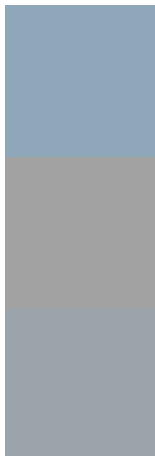
Deuteranomaly

36.4573, 37.2131, 51.7157

Tritanomaly

33.8905, 37.5456, 50.2606

Monochromacy



Original Color

34.0873, 37.3477, 51.3112

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.0487, 36.4218, 43.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0873, 37.3477, 51.3112 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(143, 168, 185) looks like.

```
.text, #text, p{  
    color:rgb(143, 168, 185)  
}
```

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(143, 168, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 168, 185) }
```

Border

The CSS property to change the border of an element to XYZ 34.0873, 37.3477, 51.3112 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(143, 168, 185) }
```


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

```
.border{ border-color:rgb(143, 168, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 168, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 168, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 168, 185);  
box-shadow:4px 4px 4px 4px rgb(143, 168,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0873, 37.3477, 51.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 168, 185) }
```

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

```
.background{ background-color: rgb(143,  
168, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor