

Converting Colors

XYZ(34.8581, 37.4225, 53.5302)

Have a look what the booklet for
XYZ(34.8581, 37.4225, 53.5302)
contains.

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Color

**XYZ(34.8581, 37.4225,
53.5302)**

Conversions

Conversions Part 1

Format	Color
Hex	92A7BD
RGB	146, 167, 189
RGB Percent	57%, 65%, 74%
CMY	0.4274, 0.3451, 0.2588
CMYK	0.23, 0.12, 0.00, 0.26
HSL	211°, 25%, 66%
HSV	211°, 23%, 74%
XYZ	34.8581, 37.4225, 53.5302
YIQ	163.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

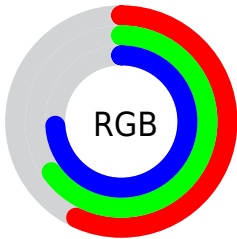
Format	Color
RYB	146, 160, 189
Decimal	9611197
CIELab	67.59, -2.42, -13.72
CIELCh	68, 13.935, 260.014
Yxy	37.4225, 0.2771, 0.2975
Android (android.graphics.Color)	4287801277 (0xFF92A7BD)
YUV	163.2290, 12.7051, -15.1098
Hunter-Lab	61.1739, -5.3416, -9.0599

Details

The XYZ color **34.8581, 37.4225, 53.5302** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1777, 40.8997, 32.9720**, and the grayscale version is **34.8703, 36.6863, 39.9513**.

A 20% lighter version of the original color is **66.4221, 71.1145, 96.6118**, and **15.2940, 16.4719, 25.6659** is the 20% darker color. If you saturate the color by 10%, you get **30.0667, 32.4212, 52.8180**, and if you desaturate by 10%, it is **40.3397, 42.9781, 54.3142**.

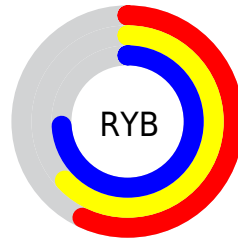
Distribution



Red (57%)

Green (65%)

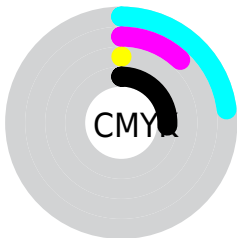
Blue (74%)



Red (57%)

Yellow (63%)

Blue (74%)

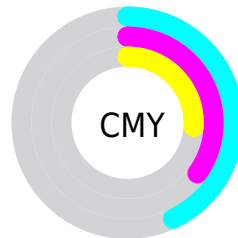


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8581, 37.4225, 53.5302 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 34.8581, 37.4225, 53.5302 by changing the saturation by 10% instead.

■ 34.8581, 37.4225,
53.5302

■ 34.8581, 37.4225,
53.5302

315.4606,
335.1361, 417.4398

■ 23.7196, 25.5348,
37.8356

■ 66.6014, 71.2221,
96.8335

■ 15.2494, 16.4759,
25.5543

■ 87.9368, 93.9028,
125.2793

■ 9.0820, 9.8616,
16.2677

113.4020,
120.9499, 158.8126

■ 4.8523, 5.3073,
9.5574

143.3622,
152.7479, 197.8519

■ 2.1947, 2.4287,
5.0047

178.1828,
189.6811, 242.8157

■ 0.7399, 0.8406,
2.1913

218.2291,

■ 0.0000, 0.0000,

232.1340, 294.1226

0.6693

263.8666,
280.4908, 352.1911

■ 0.0000, 0.0000,
0.0000

■ 34.8581, 37.4225,
53.5302

■ 34.8581, 37.4225,
53.5302

■ 30.0667, 32.4212,
52.8180

■ 40.3397, 42.9781,
54.3142

■ 25.9318, 27.9498,
52.1729

■ 46.5363, 49.1021,
55.1697

■ 22.4222, 23.9887,
51.5933

■ 53.4755, 55.8137,
56.0994

■ 19.5021, 20.5149,
51.0767

■ 61.1825, 63.1298,
57.1054

■ 17.1322, 17.5033,
50.6203

■ 69.6811, 71.0665,
58.1894

■ 15.2673, 14.9257,
50.2210

■ 77.3556, 78.7945,
59.2766

■ 13.8541, 12.7494,
49.8755

■ 80.0444, 84.1721,
60.1728

■ 13.0394, 11.3822,
49.6545

■ 82.8836, 89.8505,
61.1192

■ 85.8755, 95.8343,
62.1165

Harmonies

Analogous

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



32.9824, 37.4225, 50.4898



34.8581, 37.4225, 53.5302



37.0001, 37.4225, 52.8914

Triad

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



34.8581, 37.4225, 53.5302



39.5892, 37.4225, 36.8341



32.4998, 37.4225, 33.6139

Complementary

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



34.8581, 37.4225, 53.5302



40.1777, 40.8997, 32.9720

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.



34.1752, 37.4225, 30.6198



34.8581, 37.4225, 53.5302



38.2873, 37.4225, 32.3454

Square

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



34.8581, 37.4225, 53.5302



39.7901, 37.4225, 42.8309



36.2894, 37.4225, 30.1800



31.6575, 37.4225, 38.7313

Rectangle

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



34.8581, 37.4225, 53.5302



38.2889, 37.4225, 50.4857



36.2894, 37.4225, 30.1800



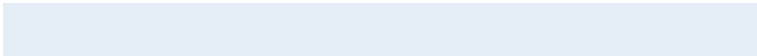
32.9810, 37.4225, 32.3485

Sweetspot

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



34.8592, 37.4240, 53.5310



78.3444, 83.0295, 98.1233



37.0739, 45.3155, 43.5957



16.7043, 17.7136, 21.0812



90.7827, 95.5105, 104.0109



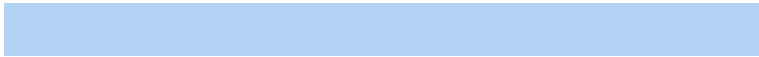
18.6292, 19.5994, 21.3438

Same Dimension

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



34.8592, 37.4240, 53.5310



58.2637, 62.7102, 95.2597



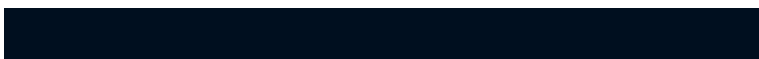
31.3192, 30.3439, 52.3510



9.3908, 9.9739, 12.1024



8.8493, 7.8102, 33.4340



0.4121, 0.4369, 1.3315

Inverse Universe

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



38.2412, 34.1676, 41.1403



65.4034, 56.2006, 69.0193



44.3729, 49.2901, 34.3704



9.7191, 9.6119, 10.9098



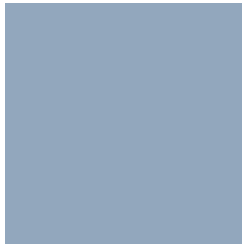
15.4675, 7.8181, 7.7552



0.6389, 0.3195, 0.4779

Previews

White Background



This preview shows how the XYZ color 34.8581, 37.4225, 53.5302 looks on a white background.

Color Contrast Check

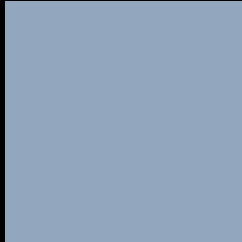
Large Text (above 18pt) WCAG AA × Fail

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 34.8581, 37.4225, 53.5302 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 34.8581, 37.4225, 53.5302

Background



This preview shows how black text looks on a background with the XYZ color 34.8581, 37.4225, 53.5302.



This preview shows how white text looks on a background with the XYZ color 34.8581, 37.4225,

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

34.8581, 37.4225, 53.5302

Protanopia

36.6581, 37.3166, 51.7251

Deuteranopia

38.0135, 37.1841, 53.8889



Tritanopia

34.1232, 37.4024, 49.6769

Trichromacy



Original Color

34.8581, 37.4225, 53.5302

Protanomaly

35.9554, 37.2067, 52.3003

Deuteranomaly

36.8887, 37.3857, 53.9871

Tritanomaly

34.4366, 37.5278, 51.3275

Monochromacy



Original Color

34.8581, 37.4225, 53.5302

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6265, 36.6976, 44.2881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8581, 37.4225, 53.5302 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(146, 167, 189)` looks like.

```
.text, #text, p{  
    color:rgb(146, 167, 189)  
}
```

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(146, 167, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 167, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.8581, 37.4225, 53.5302 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(146, 167, 189) }
```


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

```
.border{ border-color:rgb(146, 167, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 167, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 167, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 167, 189);  
box-shadow:4px 4px 4px 4px rgb(146, 167,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8581, 37.4225, 53.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 167, 189) }
```

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

```
.background{ background-color: rgb(146,  
167, 189) }
```

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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