

Converting Colors

XYZ(37.4314, 34.8528, 55.2065)

Have a look what the booklet for
XYZ(37.4314, 34.8528, 55.2065)
contains.

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Color

**XYZ(37.4314, 34.8528,
55.2065)**

Conversions

Conversions Part 1

Format	Color
Hex	AA98C1
RGB	170, 152, 193
RGB Percent	67%, 60%, 76%
CMY	0.3333, 0.4039, 0.2431
CMYK	0.12, 0.21, 0.00, 0.24
HSL	266°, 25%, 68%
HSV	266°, 21%, 76%
XYZ	37.4314, 34.8528, 55.2065
YIQ	162.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

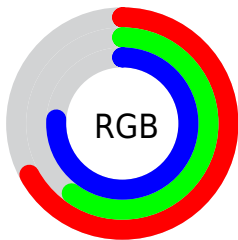
Format	Color
R_{YB}	170, 152, 193
Decimal	11180225
CIE _{Lab}	65.63, 14.63, -18.73
CIE _{LCh}	66, 23.766, 307.982
Yxy	34.8528, 0.2936, 0.2734
Android (android.graphics.Color)	4289370305 (0xFFAA98C1)
YUV	162.0560, 15.2554, 6.9669
Hunter-Lab	59.0363, 9.8628, -14.1184

Details

The XYZ color **37.4314, 34.8528, 55.2065** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.4180, 49.5218, 37.0305**, and the grayscale version is **34.3014, 36.0878, 39.2996**.

A 20% lighter version of the original color is **70.6907, 67.2135, 99.6902**, and **16.6500, 14.9533, 26.4348** is the 20% darker color. If you saturate the color by 10%, you get **32.3054, 27.9331, 54.1416**, and if you desaturate by 10%, it is **43.2621, 42.8942, 56.4519**.

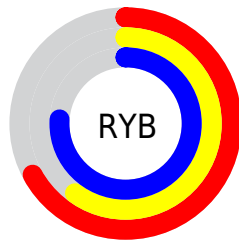
Distribution



Red (67%)

Green (60%)

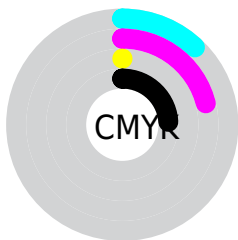
Blue (76%)



Red (67%)

Yellow (60%)

Blue (76%)

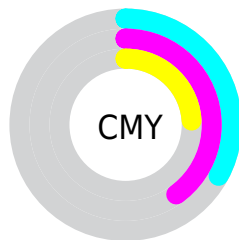


Cyan (12%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4314, 34.8528, 55.2065 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 37.4314, 34.8528, 55.2065 by changing the saturation by 10% instead.

■ 37.4314, 34.8528,
55.2065

■ 37.4314, 34.8528,
55.2065

326.4977,
323.9181, 423.9982

■ 25.7169, 23.5495,
39.1674

■ 70.5453, 67.2577,
99.3176

■ 16.7435, 14.9998,
26.5811

■ 92.6754, 89.1280,
128.2267

■ 10.1460, 8.8192,
17.0292

119.0081,
115.2895, 162.2628

■ 5.5589, 4.6235,
10.0932

149.9087,
146.1266, 201.8445

■ 2.6168, 2.0281,
5.3544

185.7427,
182.0236, 247.3904

■ 0.9545, 0.6237,
2.3943

226.8752,

■ 0.0000, 0.0000,

223.3649, 299.3189

0.7833

273.6718,
270.5350, 358.0487

■ 0.0000, 0.0000,
0.0000

■ 37.4314, 34.8528,
55.2065

■ 37.4314, 34.8528,
55.2065

■ 32.3054, 27.9331,
54.1416

■ 43.2621, 42.8942,
56.4519

■ 27.8515, 22.0791,
53.2464

■ 49.8216, 52.1011,
57.8833

■ 24.0395, 17.2365,
52.5126

■ 57.1369, 62.5204,
59.5088

■ 20.8350, 13.3442,
51.9302

■ 65.2326, 74.1948,
61.3355

■ 18.2004, 10.3344,
51.4881

■ 74.1319, 87.1652,
63.3700

■ 16.0928, 8.1299,
51.1737

■ 79.6355, 93.0267,
64.2113

■ 14.4623, 6.6390,
50.9718

■ 83.3194, 94.9258,
64.3837

■ 13.3473, 5.7688,
50.8626

■ 86.6257, 96.6303,
64.5385

Harmonies

Analogous

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



34.0674, 34.8528, 60.3464



37.4314, 34.8528, 55.2065



39.7469, 34.8528, 45.6213

Triad

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



37.4314, 34.8528, 55.2065



35.7072, 34.8528, 22.7717



26.9141, 34.8528, 40.6813

Complementary

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



37.4314, 34.8528, 55.2065



42.4180, 49.5218, 37.0305

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.



27.2854, 34.8528, 31.1887



37.4314, 34.8528, 55.2065



32.2032, 34.8528, 21.9177

Square

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



37.4314, 34.8528, 55.2065



38.7037, 34.8528, 27.3053



29.1651, 34.8528, 24.7241



28.1126, 34.8528, 51.0509

Rectangle

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



37.4314, 34.8528, 55.2065



40.2975, 34.8528, 38.6297



29.1651, 34.8528, 24.7241



26.8611, 34.8528, 37.2759

Sweetspot

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



37.4325, 34.8543, 55.2073



83.3636, 85.0455, 102.3820



37.9512, 41.2778, 56.4198



17.7191, 18.0133, 21.9283



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.4325, 34.8543, 55.2073



63.0809, 57.0417, 98.0457



42.1568, 37.2897, 55.4284



9.9385, 9.9594, 12.6834



8.9660, 3.8826, 33.8335



0.4664, 0.2085, 1.4655

Inverse Universe

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



40.9596, 36.8906, 45.5210



70.4976, 61.3261, 77.5622



38.2052, 47.3501, 36.8333



10.3045, 10.1704, 11.6939



16.4783, 8.2811, 10.4308



0.7461, 0.3715, 0.6306

Previews

White Background



This preview shows how the XYZ color 37.4314, 34.8528, 55.2065 looks on a white background.

Color Contrast Check

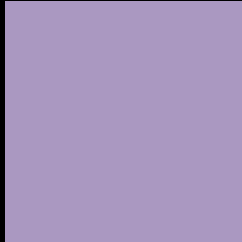
Large Text (above 18pt) WCAG AA × Fail

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 37.4314, 34.8528, 55.2065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

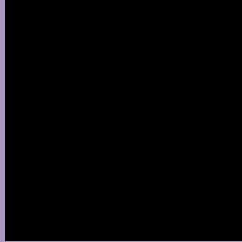
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4314, 34.8528, 55.2065

Background



This preview shows how black text looks on a background with the XYZ color 37.4314, 34.8528, 55.2065.



This preview shows how white text looks on a background with the XYZ color 37.4314, 34.8528,

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

37.4314, 34.8528, 55.2065

Protanopia

34.8826, 34.9690, 57.7345

Deuteranopia

35.7010, 34.9536, 54.7343



Tritanopia

34.7758, 34.7485, 42.4104

Trichromacy



Original Color

37.4314, 34.8528, 55.2065

Protanomaly

35.7569, 34.9306, 57.0822

Deuteranomaly

36.3400, 35.0350, 54.7163

Tritanomaly

35.6936, 34.8725, 46.9693

Monochromacy



Original Color

37.4314, 34.8528, 55.2065

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.2867, 35.4702, 44.5218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4314, 34.8528, 55.2065 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(170, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 193)  
}
```

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(170, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 193) }
```

Border

The CSS property to change the border of an element to XYZ 37.4314, 34.8528, 55.2065 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(170, 152, 193) }
```


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

```
.border{ border-color:rgb(170, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4314, 34.8528, 55.2065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 193) }
```

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

```
.background{ background-color: rgb(170,  
152, 193) }
```

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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