

Converting Colors

XYZ(37.2467, 34.7477, 56.4932)

Have a look what the booklet for
XYZ(37.2467, 34.7477, 56.4932)
contains.

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Color

**XYZ(37.2270, 34.7214,
56.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	A898C3
RGB	168, 152, 195
RGB Percent	66%, 60%, 76%
CMY	0.3412, 0.4039, 0.2353
CMYK	0.14, 0.22, 0.00, 0.24
HSL	262°, 26%, 68%
HSV	262°, 22%, 76%
XYZ	37.2270, 34.7214, 56.3696
YIQ	161.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

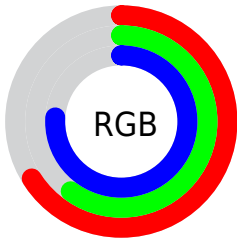
Format	Color
R_{YB}	168, 152, 195
Decimal	11049155
CIE _{Lab}	65.53, 14.40, -20.02
CIE _{LCh}	66, 24.662, 305.725
Yxy	34.7214, 0.2901, 0.2706
Android (android.graphics.Color)	4289239235 (0xFFA898C3)
YUV	161.6860, 16.4238, 5.5374
Hunter-Lab	58.9249, 9.6525, -15.4715

Details

The XYZ color **37.2270, 34.7214, 56.3696** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7741, 50.8818, 37.2213**, and the grayscale version is **34.1238, 35.9009, 39.0961**.

A 20% lighter version of the original color is **70.0734, 66.8589, 101.3072**, and **16.6639, 14.9435, 27.2054** is the 20% darker color. If you saturate the color by 10%, you get **31.8335, 27.6233, 55.2844**, and if you desaturate by 10%, it is **43.3885, 42.9896, 57.6413**.

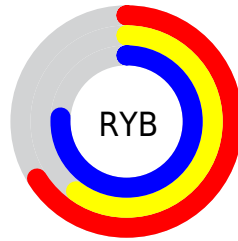
Distribution



Red (66%)

Green (60%)

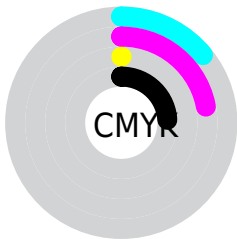
Blue (76%)



Red (66%)

Yellow (60%)

Blue (76%)

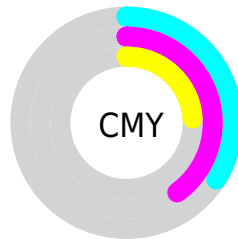


Cyan (14%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (34%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2270, 34.7214, 56.3696 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 37.2270, 34.7214, 56.3696 by changing the saturation by 10% instead.

■ 37.2270, 34.7214,
56.3696

■ 37.2270, 34.7214,
56.3696

325.6308,
323.3369, 428.5103

■ 25.5578, 23.4483,
40.0933

■ 70.2333, 67.0539,
101.0359

■ 16.6240, 14.9249,
27.2970

■ 92.3012, 88.8822,
130.2631

■ 10.0604, 8.7667,
17.5620

118.5659,
114.9977, 164.6444

■ 5.5016, 4.5893,
10.4698

149.3929,
145.7848, 204.5982

■ 2.5822, 2.0084,
5.6019

185.1476,
181.6278, 250.5432

■ 0.9369, 0.6123,
2.5397

226.1952,

■ 0.0000, 0.0000,

222.9113, 302.8978

0.8611

272.9011,
270.0195, 362.0807

■ 0.0000, 0.0000,
0.0000

■ 37.2270, 34.7214,
56.3696

■ 37.2270, 34.7214,
56.3696

■ 31.8335, 27.6233,
55.2844

■ 43.3885, 42.9896,
57.6413

■ 27.1726, 21.6367,
54.3745

■ 50.3448, 52.4741,
59.1054

■ 23.2108, 16.7043,
53.6312

■ 58.1256, 63.2241,
60.7703

■ 19.9104, 12.7618,
53.0442

■ 66.7577, 75.2847,
62.6432

■ 17.2300, 9.7377,
52.6018

■ 76.2670, 88.6986,
64.7312

■ 15.1226, 7.5504,
52.2907

■ 82.0465, 94.2437,
65.4969

■ 13.5334, 6.1031,
52.0950

■ 86.3789, 96.4771,
65.6996

■ 12.5645, 5.3393,
51.9987

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



33.6996, 34.7214, 61.2620



37.2270, 34.7214, 56.3696



39.7490, 34.7214, 46.5903

Triad

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



37.2270, 34.7214, 56.3696



35.9412, 34.7214, 22.4131



26.5599, 34.7214, 39.8256

Complementary

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



37.2270, 34.7214, 56.3696



43.7741, 50.8818, 37.2213

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.



27.0646, 34.7214, 30.2011



37.2270, 34.7214, 56.3696



32.3134, 34.7214, 21.2619

Square

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



37.2270, 34.7214, 56.3696



38.9696, 34.7214, 27.3368



29.1088, 34.7214, 23.8434



27.6764, 34.7214, 50.6551

Rectangle

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



37.2270, 34.7214, 56.3696



40.4264, 34.7214, 39.3084



29.1088, 34.7214, 23.8434



26.5467, 34.7214, 36.3418

Sweetspot

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



37.2281, 34.7228, 56.3704



83.6835, 85.1098, 104.4870



38.9673, 42.9505, 57.8668



18.1582, 18.4098, 22.8464



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.2281, 34.7228, 56.3704



62.3041, 56.4018, 100.0726



42.1321, 37.2509, 56.5999



9.8744, 9.9264, 12.6804



8.2520, 3.5145, 33.8001



0.4330, 0.1912, 1.4640

Inverse Universe

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



41.8717, 37.3147, 47.6448



72.0462, 61.8439, 81.5591



39.2319, 48.5402, 37.0088



10.3332, 10.1819, 11.8452



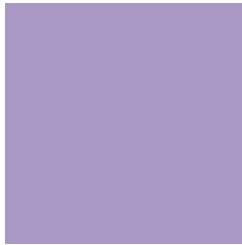
16.9704, 8.4779, 13.0221



0.7657, 0.3793, 0.7334

Previews

White Background



This preview shows how the XYZ color 37.2270, 34.7214, 56.3696 looks on a white background.

Color Contrast Check

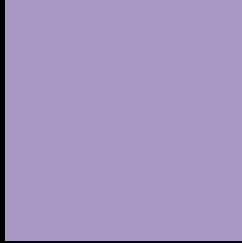
Large Text (above 18pt) WCAG AA × Fail

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 37.2270, 34.7214, 56.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

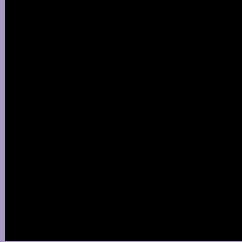
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2270, 34.7214, 56.3696

Background



This preview shows how black text looks on a background with the XYZ color 37.2270, 34.7214, 56.3696.



This preview shows how white text looks on a background with the XYZ color 37.2270, 34.7214,

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

37.2270, 34.7214, 56.3696

Protanopia

34.9301, 34.9668, 58.9411

Deuteranopia

35.5307, 34.8401, 55.8911



Tritanopia

34.5282, 34.8710, 42.4471

Trichromacy



Original Color

37.2270, 34.7214, 56.3696

Protanomaly

35.7918, 34.9221, 58.2803

Deuteranomaly

36.1569, 34.9148, 55.8725

Tritanomaly

35.2743, 34.6564, 46.9497

Monochromacy



Original Color

37.2270, 34.7214, 56.3696

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.1767, 35.4022, 45.0237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2270, 34.7214, 56.3696 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(168, 152, 195)` looks like.

```
.text, #text, p{  
    color:rgb(168, 152, 195)  
}
```

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(168, 152, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 152, 195) }
```

Border

The CSS property to change the border of an element to XYZ 37.2270, 34.7214, 56.3696 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(168, 152, 195) }
```


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

```
.border{ border-color:rgb(168, 152, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 152, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 152, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 152, 195);  
box-shadow:4px 4px 4px 4px rgb(168, 152,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2270, 34.7214, 56.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 152, 195) }
```

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

```
.background{ background-color: rgb(168,  
152, 195) }
```

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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