

Converting Colors

XYZ(37.3186, 33.1445, 55.4696)

Have a look what the booklet for
XYZ(37.3186, 33.1445, 55.4696)
contains.

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Color

**XYZ(37.3186, 33.1445,
55.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	AE91C2
RGB	174, 145, 194
RGB Percent	68%, 57%, 76%
CMY	0.3176, 0.4314, 0.2392
CMYK	0.10, 0.25, 0.00, 0.24
HSL	276°, 29%, 66%
HSV	276°, 25%, 76%
XYZ	37.3186, 33.1445, 55.4696
YIQ	159.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

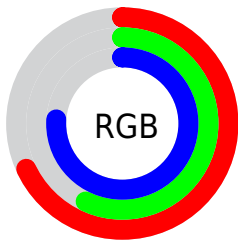
Format	Color
RYB	174, 145, 194
Decimal	11440578
CIELab	64.28, 20.10, -21.32
CIELCh	64, 29.305, 313.312
Yxy	33.1445, 0.2963, 0.2632
Android (android.graphics.Color)	4289630658 (0xFFAE91C2)
YUV	159.2570, 17.1283, 12.9296
Hunter-Lab	57.5713, 14.9568, -16.8257

Details

The XYZ color **37.3186, 33.1445, 55.4696** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9207, 48.6281, 34.0717**, and the grayscale version is **32.9967, 34.7151, 37.8047**.

A 20% lighter version of the original color is **70.4691, 64.6349, 100.0284**, and **16.6215, 13.9638, 26.6302** is the 20% darker color. If you saturate the color by 10%, you get **32.8914, 26.8316, 54.4849**, and if you desaturate by 10%, it is **42.3581, 40.5262, 56.6293**.

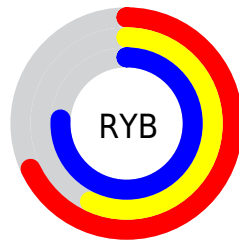
Distribution



Red (68%)

Green (57%)

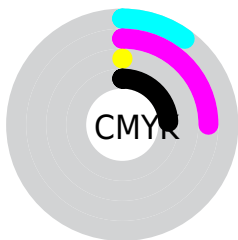
Blue (76%)



Red (68%)

Yellow (57%)

Blue (76%)

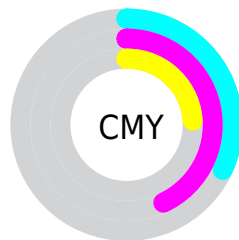


Cyan (10%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (43%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3186, 33.1445, 55.4696 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 37.3186, 33.1445, 55.4696 by changing the saturation by 10% instead.


 37.3186, 33.1445,
55.4696


 37.3186, 33.1445,
55.4696

326.0195,
316.3004, 425.0216

 25.6291, 22.2372,
39.3767


 70.3732, 64.6011,
99.7067

 16.6776, 14.0313,
26.7428

 92.4689, 85.9191,
128.6880

 10.0988, 8.1424,
17.1494

118.7641,
111.4761, 162.8024

 5.5273, 4.1862,
10.1780

149.6242,
141.6566, 202.4686

 2.5977, 1.7783,
5.4100

185.4144,
176.8448, 248.1051

 0.9448, 0.4736,
2.4269

226.5001,

 0.0000, 0.0000,

217.4253, 300.1304

0.8010

273.2466,
263.7823, 358.9630

■ 0.0000, 0.0000,
0.0000

■ 37.3186, 33.1445,
55.4696

■ 37.3186, 33.1445,
55.4696

■ 32.8914, 26.8316,
54.4849

■ 42.3581, 40.5262,
56.6293

■ 29.0458, 21.5310,
53.6645

■ 48.0325, 49.0210,
57.9699

■ 25.7531, 17.1871,
52.9996

■ 54.3666, 58.6762,
59.4997

■ 22.9806, 13.7374,
52.4799

■ 61.3834, 69.5346,
61.2258

■ 20.6917, 11.1113,
52.0936

■ 69.1044, 81.6370,
63.1548

■ 18.8442, 9.2275,
51.8274

■ 75.4729, 90.8678,
64.6009

■ 17.3868, 7.9866,
51.6647

■ 77.9486, 92.1441,
64.7168

■ 16.7838, 7.5275,
51.6078

■ 80.5396, 93.4799,
64.8380

■ 83.2475, 94.8758,
64.9647

Harmonies

Analogous

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



33.3820, 33.1445, 63.3075



37.3186, 33.1445, 55.4696



39.8086, 33.1445, 43.0794

Triad

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



37.3186, 33.1445, 55.4696



33.8576, 33.1445, 18.2833



24.3382, 33.1445, 41.6285

Complementary

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



37.3186, 33.1445, 55.4696



39.9207, 48.6281, 34.0717

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.



24.4411, 33.1445, 29.8984



37.3186, 33.1445, 55.4696



29.6955, 33.1445, 18.0621

Square

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



37.3186, 33.1445, 55.4696



37.6931, 33.1445, 22.5374



26.3251, 33.1445, 21.8470



26.0304, 33.1445, 54.2078

Rectangle

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



37.3186, 33.1445, 55.4696



40.1882, 33.1445, 34.7804



26.3251, 33.1445, 21.8470



24.1687, 33.1445, 37.4295

Sweetspot

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



37.3197, 33.1459, 55.4703



83.9503, 84.1833, 104.2941



34.9463, 36.9769, 56.3349



18.0337, 17.9091, 22.7563



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.



37.3197, 33.1459, 55.4703



63.2907, 53.8453, 99.5272



41.6596, 35.4355, 53.3122



10.0869, 10.0359, 12.6903



11.1296, 4.9980, 33.9347



0.5574, 0.2554, 1.4698

Inverse Universe

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



39.1661, 34.4381, 40.1816



67.3133, 56.6471, 66.8207



36.4014, 46.7768, 35.5804



10.2398, 10.1445, 11.3533



15.5983, 7.9291, 5.7967



0.7081, 0.3563, 0.4304

Previews

White Background



This preview shows how the XYZ color 37.3186, 33.1445, 55.4696 looks on a white background.

Color Contrast Check

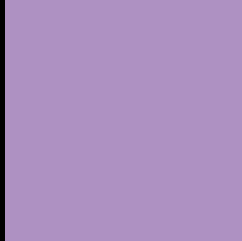
Large Text (above 18pt) WCAG AA × Fail

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 37.3186, 33.1445, 55.4696 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 37.3186, 33.1445, 55.4696

Background



This preview shows how black text looks on a background with the XYZ color 37.3186, 33.1445, 55.4696.



This preview shows how white text looks on a background with the XYZ color 37.3186, 33.1445,

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

37.3186, 33.1445, 55.4696

Protanopia

33.5998, 33.2575, 59.9068

Deuteranopia

34.0425, 33.3605, 54.5142



Tritanopia

34.0397, 33.2126, 39.2669

Trichromacy



Original Color

37.3186, 33.1445, 55.4696

Protanomaly

34.7772, 33.1790, 57.9973

Deuteranomaly

35.2299, 33.2400, 55.0112

Tritanomaly

35.1820, 33.2088, 44.6000

Monochromacy



Original Color

37.3186, 33.1445, 55.4696

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3118, 33.9823, 43.7805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3186, 33.1445, 55.4696 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(174, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 194)  
}
```

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(174, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 194) }
```

Border

The CSS property to change the border of an element to XYZ 37.3186, 33.1445, 55.4696 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(174, 145, 194) }
```


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

```
.border{ border-color:rgb(174, 145, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3186, 33.1445, 55.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 194) }
```

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

```
.background{ background-color: rgb(174,  
145, 194) }
```

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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