

Converting Colors

XYZ(33.5237, 31.5092, 36.5936)

Have a look what the booklet for
XYZ(33.5237, 31.5092, 36.5936)
contains.

XYZ(33.5305, 31.6037, 36.6806)	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(33.5305, 31.6037,
36.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	AD919E
RGB	173, 145, 158
RGB Percent	68%, 57%, 62%
CMY	0.3216, 0.4314, 0.3804
CMYK	0.00, 0.16, 0.09, 0.32
HSL	332°, 15%, 62%
HSV	332°, 16%, 68%
XYZ	33.5305, 31.6037, 36.6806
YIQ	154.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

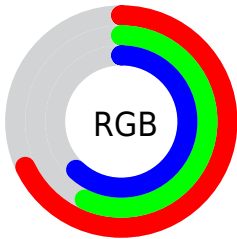
Format	Color
R_{YB}	173, 145, 158
Decimal	11375006
CIE Lab	63.01, 12.72, -2.93
CIE LCh	63, 13.051, 347.019
Yxy	31.6037, 0.3293, 0.3104
Android (android.graphics.Color)	4289565086 (0xFFAD919E)
YUV	154.8540, 1.5510, 15.9140
Hunter-Lab	56.2172, 8.0856, 0.6665

Details

The XYZ color **33.5305, 31.6037, 36.6806** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9670, 38.4457, 38.9428**, and the grayscale version is **31.0814, 32.7001, 35.6104**.

A 20% lighter version of the original color is **64.7468, 62.3090, 71.5651**, and **14.4023, 13.0600, 15.6717** is the 20% darker color. If you saturate the color by 10%, you get **30.3178, 26.4070, 31.8209**, and if you desaturate by 10%, it is **37.2078, 37.6324, 41.9929**.

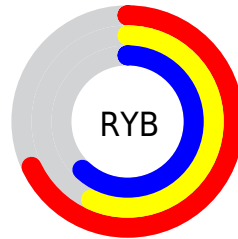
Distribution



Red (68%)

Green (57%)

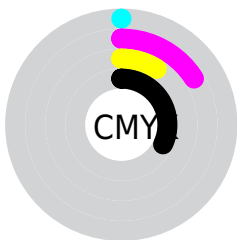
Blue (62%)



Red (68%)

Yellow (57%)

Blue (62%)

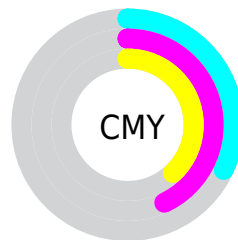


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (32%)



Cyan (32%)


Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5305, 31.6037, 36.6806 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 33.5305, 31.6037, 36.6806 by changing the saturation by 10% instead.


 33.5305, 31.6037,
36.6806

 33.5305, 31.6037,
36.6806


309.6564,
309.3100, 347.0526

 22.6943, 21.0590,
24.6664


 64.5520, 62.1893,
71.2621

 14.4874, 13.1671,
15.6120

 85.4681, 82.9990,
94.6665

 8.5444, 7.5437,
9.0986


110.4749,
107.9991, 122.7048

 4.4999, 3.8044,
4.7079

139.9377,
137.5740, 155.7954

 1.9887, 1.5648,
2.0212

174.2219,
172.1082, 194.3570

 0.6276, 0.3337,
0.5683

213.6928,

 0.0000, 0.0000,

211.9860, 238.8080

0.0000

258.7159,
257.5918, 289.5670

■ 33.5305, 31.6037,
36.6806

■ 33.5305, 31.6037,
36.6806

■ 30.3178, 26.4070,
31.8209

■ 37.2078, 37.6324,
41.9929

■ 27.5475, 22.0013,
27.3986

■ 41.3651, 44.5233,
47.7680

■ 25.1995, 18.3482,
23.4009

■ 46.0208, 52.3105,
54.0186

■ 23.2513, 15.4049,
19.8131

■ 51.1911, 61.0247,
60.7561

■ 21.6778, 13.1237,
16.6197

■ 56.8917, 70.6953,
67.9913

■ 20.4512, 11.4513,
13.8038

■ 63.1375, 81.3504,
75.7350

■ 19.5394, 10.3260,
11.3467

■ 66.2973, 85.7257,
82.7821

■ 18.8997, 9.6654,
9.2261

■ 67.5808, 86.2391,
89.5413

■ 18.6932, 9.4681,
8.4921

■ 68.9339, 86.7804,
96.6664

Harmonies

Analogous

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



32.6361, 31.6037, 41.6032



33.5305, 31.6037, 36.6806



33.4628, 31.6037, 31.5968

Triad

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



33.5305, 31.6037, 36.6806



29.0389, 31.6037, 25.7944



27.7451, 31.6037, 42.1651

Complementary

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



33.5305, 31.6037, 36.6806



32.9670, 38.4457, 38.9428

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.



26.8559, 31.6037, 37.3876



33.5305, 31.6037, 36.6806



27.5822, 31.6037, 28.0996

Square

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



33.5305, 31.6037, 36.6806



30.8207, 31.6037, 25.6458



26.7975, 31.6037, 32.2371



29.2694, 31.6037, 44.9755

Rectangle

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



33.5305, 31.6037, 36.6806



32.8807, 31.6037, 28.7935



26.7975, 31.6037, 32.2371



27.3648, 31.6037, 40.7155

Sweetspot

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



33.5314, 31.6051, 36.6813



67.4100, 68.6727, 76.2989



32.1533, 30.7363, 43.7735



14.5454, 14.7520, 16.4342



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.5314, 31.6051, 36.6813



58.1525, 53.5139, 62.8666



32.6141, 31.4673, 31.1447



8.1541, 8.0749, 9.1224



13.7612, 6.9670, 6.3878



0.4106, 0.2049, 0.3241

Inverse Universe

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



33.5314, 31.6051, 36.6813



58.1525, 53.5139, 62.8666



33.9860, 38.5680, 45.1885



8.1541, 8.0749, 9.1224



13.7612, 6.9670, 6.3878



0.4106, 0.2049, 0.3241

Previews

White Background



This preview shows how the XYZ color 33.5305, 31.6037, 36.6806 looks on a white background.

Color Contrast Check

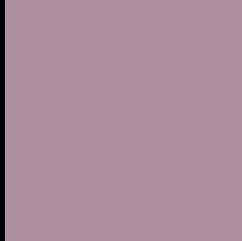
Large Text (above 18pt) WCAG AA × Fail

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 33.5305, 31.6037, 36.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

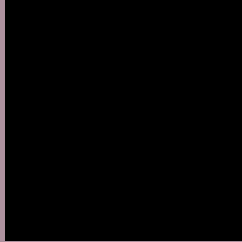
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5305, 31.6037, 36.6806

Background



This preview shows how black text looks on a background with the XYZ color 33.5305, 31.6037, 36.6806.



This preview shows how white text looks on a background with the XYZ color 33.5305, 31.6037,

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

33.5305, 31.6037, 36.6806

Protanopia

30.8867, 31.8374, 38.6998

Deuteranopia

32.1928, 31.6135, 36.3036



Tritanopia

33.4448, 31.5694, 36.2291

Trichromacy



Original Color

33.5305, 31.6037, 36.6806

Protanomaly

31.6777, 31.5417, 38.1368

Deuteranomaly

32.6680, 31.6266, 36.2810

Tritanomaly

33.4448, 31.5694, 36.2291

Monochromacy



Original Color

33.5305, 31.6037, 36.6806

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.9677, 32.2149, 35.9857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5305, 31.6037, 36.6806 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(173, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(173, 145, 158)  
}
```

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(173, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 158) }
```

Border

The CSS property to change the border of an element to XYZ 33.5305, 31.6037, 36.6806 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(173, 145, 158) }
```


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

```
.border{ border-color:rgb(173, 145, 158) }
```

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

Here you see how a box with a 4 pixel rgb(173, 145, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5305, 31.6037, 36.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 158) }
```

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

```
.background{ background-color: rgb(173,  
145, 158) }
```

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