

Converting Colors

XYZ(36.1304, 31.0592, 49.2186)

Have a look what the booklet for
XYZ(36.1304, 31.0592, 49.2186)
contains.

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Color

**XYZ(36.3306, 31.2214,
49.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	B38AB8
RGB	179, 138, 184
RGB Percent	70%, 54%, 72%
CMY	0.2980, 0.4588, 0.2784
CMYK	0.03, 0.25, 0.00, 0.28
HSL	293°, 24%, 63%
HSV	293°, 25%, 72%
XYZ	36.3306, 31.2214, 49.4589
YIQ	155.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

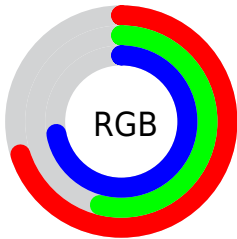
Format	Color
R _Y B	179, 138, 184
Decimal	11766456
CIE Lab	62.69, 23.67, -18.06
CIE LCh	63, 29.773, 322.652
Yxy	31.2214, 0.3105, 0.2668
Android (android.graphics.Color)	4289956536 (0xFFB38AB8)
YUV	155.5030, 14.0490, 20.6069
Hunter-Lab	55.8761, 18.2773, -13.3674

Details

The XYZ color **36.3306, 31.2214, 49.4589** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.0568, 41.9564, 30.4025**, and the grayscale version is **31.3161, 32.9470, 35.8793**.

A 20% lighter version of the original color is **68.8388, 61.6527, 90.7100**, and **16.1906, 13.0538, 23.1390** is the 20% darker color. If you saturate the color by 10%, you get **33.4525, 26.1459, 48.6314**, and if you desaturate by 10%, it is **39.6646, 37.1975, 50.4371**.

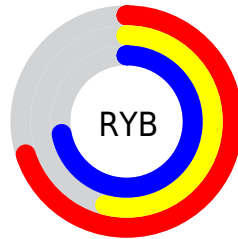
Distribution



Red (70%)

Green (54%)

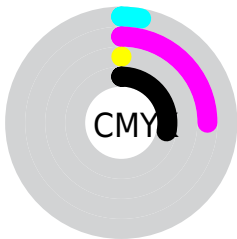
Blue (72%)



Red (70%)

Yellow (54%)

Blue (72%)

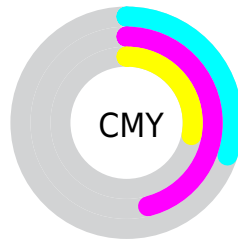


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (28%)



Cyan (30%)


Magenta (46%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3306, 31.2214, 49.4589 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 36.3306, 31.2214, 49.4589 by changing the saturation by 10% instead.


 36.3306, 31.2214,
49.4589


 36.3306, 31.2214,
49.4589


321.8093,
307.5570, 401.2204


 24.8609, 20.7675,
34.6155


 68.8626, 61.5885,
90.7607

 16.1016, 12.9542,
23.0856


 90.6556, 82.2704,
118.0561

 9.6874, 7.3970,
14.4509


 116.6204,
107.1305, 150.3393

 5.2529, 3.7116,
8.2926

147.1224,
136.5532, 188.0288

 2.4327, 1.5136,
4.1923

182.5270,
170.9228, 231.5431

 0.8614, 0.2983,
1.7314

223.1994,

 0.0000, 0.0000,

210.6237, 281.3008

0.3821

269.5051,
256.0403, 337.7204

■ 0.0000, 0.0000,
0.0000

■ 36.3306, 31.2214,
49.4589

■ 36.3306, 31.2214,
49.4589

■ 33.4525, 26.1459,
48.6314

■ 39.6646, 37.1975,
50.4371

■ 31.0048, 21.9219,
47.9451

■ 43.4725, 44.1120,
51.5711

■ 28.9639, 18.5016,
47.3925

■ 47.7749, 52.0056,
52.8679

■ 27.3029, 15.8313,
46.9646

■ 52.5904, 60.9152,
54.3339

■ 25.9913, 13.8501,
46.6513

■ 57.9365, 70.8760,
55.9747

■ 24.9943, 12.4881,
46.4410

■ 63.8300, 81.9213,
57.7960

■ 24.2689, 11.6599,
46.3193

■ 66.4045, 86.3184,
58.5091

■ 23.9617, 11.3533,
46.2763

■ 66.9179, 86.5830,
58.5331

■ 67.4382, 86.8513,
58.5575

Harmonies

Analogous

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



32.7874, 31.2214, 59.1127



36.3306, 31.2214, 49.4589



38.1193, 31.2214, 36.9381

Triad

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



36.3306, 31.2214, 49.4589



30.6857, 31.2214, 16.2794



23.0319, 31.2214, 43.3628

Complementary

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



36.3306, 31.2214, 49.4589



33.0568, 41.9564, 30.4025

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.



22.5800, 31.2214, 31.2122



36.3306, 31.2214, 49.4589



26.7661, 31.2214, 17.2419

Square

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



36.3306, 31.2214, 49.4589



34.6725, 31.2214, 19.1270



23.8863, 31.2214, 22.1454



25.1824, 31.2214, 55.0696

Rectangle

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



36.3306, 31.2214, 49.4589



37.9711, 31.2214, 29.3249



23.8863, 31.2214, 22.1454



22.6849, 31.2214, 39.1359

Sweetspot

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



36.3316, 31.2228, 49.4596



77.2685, 77.1623, 93.0259



29.0119, 28.6207, 49.3431



16.5667, 16.4693, 20.0273



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.3316, 31.2228, 49.4596



62.8884, 51.3376, 88.7992



35.7733, 31.1354, 40.3783



9.2822, 9.1118, 11.3490



16.5505, 7.8433, 31.8947



0.6111, 0.2908, 1.1257

Inverse Universe

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



33.8147, 30.3519, 30.0645



57.5949, 49.5196, 47.3931



33.5926, 42.0730, 37.6416



9.0432, 9.0277, 9.5751



13.7238, 7.0633, 1.1666



0.4970, 0.2543, 0.1104

Previews

White Background



This preview shows how the XYZ color 36.3306, 31.2214, 49.4589 looks on a white background.

Color Contrast Check

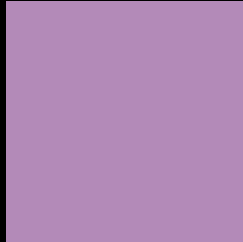
Large Text (above 18pt) WCAG AA × Fail

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 36.3306, 31.2214, 49.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

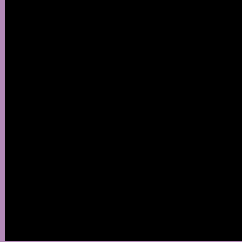
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3306, 31.2214, 49.4589

Background



This preview shows how black text looks on a background with the XYZ color 36.3306, 31.2214, 49.4589.



This preview shows how white text looks on a background with the XYZ color 36.3306, 31.2214,

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

36.3306, 31.2214, 49.4589

Protanopia

31.5165, 31.3257, 54.8374

Deuteranopia

31.9823, 31.2326, 48.5988



Tritanopia

33.4181, 31.1254, 35.2568

Trichromacy



Original Color

36.3306, 31.2214, 49.4589

Protanomaly

33.0907, 31.2440, 53.0018

Deuteranomaly

33.4208, 31.0468, 49.0309

Tritanomaly

34.3123, 31.0330, 40.2579

Monochromacy



Original Color

36.3306, 31.2214, 49.4589

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.9402, 32.1406, 40.5440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3306, 31.2214, 49.4589 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(179, 138, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 138, 184)  
}
```

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(179, 138, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 138, 184) }
```

Border

The CSS property to change the border of an element to XYZ 36.3306, 31.2214, 49.4589 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(179, 138, 184) }
```


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

```
.border{ border-color:rgb(179, 138, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 138, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 138, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 138, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 138,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3306, 31.2214, 49.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 138, 184) }
```

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

```
.background{ background-color: rgb(179,  
138, 184) }
```

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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