

Converting Colors

XYZ(31.0841, 28.6103, 38.5615)

Have a look what the booklet for
XYZ(31.0841, 28.6103, 38.5615)
contains.

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Color

**XYZ(31.0736, 28.5350,
38.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	A589A3
RGB	165, 137, 163
RGB Percent	65%, 54%, 64%
CMY	0.3529, 0.4627, 0.3608
CMYK	0.00, 0.17, 0.01, 0.35
HSL	304°, 13%, 59%
HSV	304°, 17%, 65%
XYZ	31.0736, 28.5350, 38.5204
YIQ	148.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

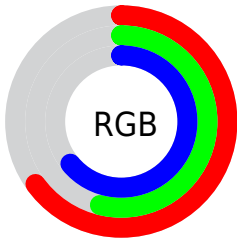
Format	Color
RYB	165, 137, 163
Decimal	10848675
CIELab	60.37, 15.27, -9.78
CIElCh	60, 18.133, 327.359
Yxy	28.5350, 0.3167, 0.2908
Android (android.graphics.Color)	4289038755 (0xFFA589A3)
YUV	148.3360, 7.2294, 14.6143
Hunter-Lab	53.4182, 10.3525, -5.3619

Details

The XYZ color **31.0736, 28.5350, 38.5204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **28.4330, 34.0936, 29.5098**, and the grayscale version is **28.2576, 29.7292, 32.3751**.

A 20% lighter version of the original color is **60.5835, 57.1045, 74.1588**, and **13.0875, 11.4748, 16.5640** is the 20% darker color. If you saturate the color by 10%, you get **28.8003, 24.1562, 37.2442**, and if you desaturate by 10%, it is **33.7083, 33.6341, 39.9226**.

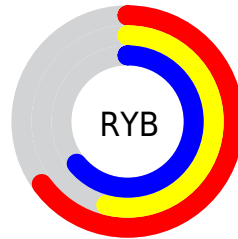
Distribution



Red (65%)

Green (54%)

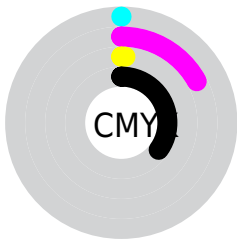
Blue (64%)



Red (65%)

Yellow (54%)

Blue (64%)

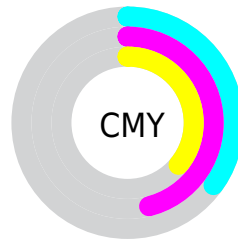


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0736, 28.5350, 38.5204 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 31.0736, 28.5350, 38.5204 by changing the saturation by 10% instead.

■ 31.0736, 28.5350,
38.5204

■ 31.0736, 28.5350,
38.5204

298.6981,
295.0146, 355.2120

■ 20.8070, 18.7293,
26.0819

■ 60.7310, 57.3375,
74.1173

■ 13.0947, 11.4749,
16.6586

■ 80.8525, 77.1031,
98.1128

■ 7.5712, 6.3872,
9.8320

■ 104.9896,
100.9574, 126.7977

■ 3.8713, 3.0819,
5.1836

133.5078,
129.2850, 160.5905

■ 1.6296, 1.1747,
2.2947

166.7724,
162.4700, 199.9098

■ 0.4116, 0.0409,
0.7283

205.1488,

■ 0.0000, 0.0000,

200.8971, 245.1741

0.0000

249.0022,
244.9505, 296.8020

■ 31.0736, 28.5350,
38.5204

■ 31.0736, 28.5350,
38.5204

■ 28.8003, 24.1562,
37.2442

■ 33.7083, 33.6341,
39.9226

■ 26.8696, 20.4614,
36.0868

■ 36.7170, 39.4801,
41.4539

■ 25.2648, 17.4170,
35.0428

■ 40.1150, 46.1030,
43.1200

■ 23.9669, 14.9848,
34.1059

■ 43.9157, 53.5300,
44.9251

■ 22.9549, 13.1228,
33.2691

■ 48.1322, 61.7867,
46.8738

■ 22.2051, 11.7837,
32.5246

■ 52.7768, 70.8981,
48.9701

■ 21.6901, 10.9126,
31.8630

■ 57.8612, 80.8876,
51.2179

■ 21.3686, 10.4269,
31.2708

■ 58.7653, 82.5146,
52.0772

■ 21.2847, 10.3064,
31.0966

■ 58.8794, 82.5603,
52.6782

Harmonies

Analogous

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



29.2340, 28.5350, 43.9215



31.0736, 28.5350, 38.5204



31.8498, 28.5350, 31.6651

Triad

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



31.0736, 28.5350, 38.5204



27.3287, 28.5350, 19.9302



23.3325, 28.5350, 37.3500

Complementary

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



31.0736, 28.5350, 38.5204



28.4330, 34.0936, 29.5098

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.



22.8862, 28.5350, 30.4819



31.0736, 28.5350, 38.5204



25.1136, 28.5350, 21.0068

Square

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



31.0736, 28.5350, 38.5204



29.6117, 28.5350, 21.4658



23.5199, 28.5350, 24.6477



24.7753, 28.5350, 43.1806

Rectangle

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



31.0736, 28.5350, 38.5204



31.6284, 28.5350, 27.3953



23.5199, 28.5350, 24.6477



23.0647, 28.5350, 35.0590

Sweetspot

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



31.0744, 28.5362, 38.5210



61.3273, 62.0961, 71.9940



26.3637, 26.0869, 39.2437



13.3325, 13.4302, 15.7006



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.0744, 28.5362, 38.5210



54.1963, 48.2984, 68.1857



29.8992, 28.0661, 32.3322



7.3424, 7.1934, 8.7894



16.1096, 7.7999, 23.5653



0.3445, 0.1663, 0.5270

Inverse Universe

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



31.0744, 28.5362, 38.5210



54.1963, 48.2984, 68.1857



29.5115, 34.5250, 35.1889



7.3424, 7.1934, 8.7894



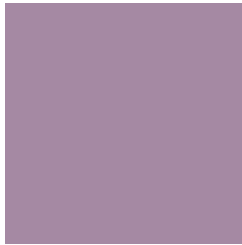
16.1096, 7.7999, 23.5653



0.3445, 0.1663, 0.5270

Previews

White Background



This preview shows how the XYZ color 31.0736, 28.5350, 38.5204 looks on a white background.

Color Contrast Check

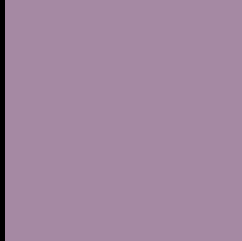
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0736, 28.5350, 38.5204 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 × Fail

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

XYZ 31.0736, 28.5350, 38.5204

Background



This preview shows how black text looks on a background with the XYZ color 31.0736, 28.5350, 38.5204.



This preview shows how white text looks on a background with the XYZ color 31.0736, 28.5350,

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

31.0736, 28.5350, 38.5204

Protanopia

28.3486, 28.8287, 41.1162

Deuteranopia

29.1435, 28.6300, 38.1725



Tritanopia

29.8419, 28.4538, 32.7735

Trichromacy



Original Color

31.0736, 28.5350, 38.5204

Protanomaly

29.1336, 28.5832, 40.0580

Deuteranomaly

29.8043, 28.5329, 38.1190

Tritanomaly

30.3147, 28.4360, 34.9013

Monochromacy



Original Color

31.0736, 28.5350, 38.5204

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.0495, 29.1165, 34.2260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0736, 28.5350, 38.5204 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(165, 137, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 137, 163)  
}
```

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(165, 137, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 137, 163) }
```

Border

The CSS property to change the border of an element to XYZ 31.0736, 28.5350, 38.5204 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(165, 137, 163) }
```


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

```
.border{ border-color:rgb(165, 137, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 137, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 137, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 137, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 137,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0736, 28.5350, 38.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 137, 163) }
```

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

```
.background{ background-color: rgb(165,  
137, 163) }
```

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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