

Converting Colors

XYZ(30.6989, 28.4893, 37.5846)

Have a look what the booklet for
XYZ(30.6989, 28.4893, 37.5846)
contains.

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Color

**XYZ(30.8313, 28.6427,
37.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	A48AA1
RGB	164, 138, 161
RGB Percent	64%, 54%, 63%
CMY	0.3569, 0.4588, 0.3686
CMYK	0.00, 0.16, 0.02, 0.36
HSL	307°, 12%, 59%
HSV	307°, 16%, 64%
XYZ	30.8313, 28.6427, 37.6218
YIQ	148.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

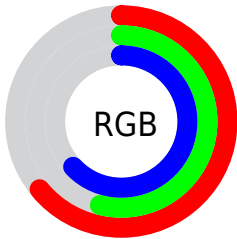
Format	Color
RYB	164, 138, 161
Decimal	10783393
CIELab	60.46, 13.96, -8.51
CIElCh	60, 16.346, 328.640
Yxy	28.6427, 0.3175, 0.2950
Android (android.graphics.Color)	4288973473 (0xFFA48AA1)
YUV	148.3960, 6.2138, 13.6847
Hunter-Lab	53.5189, 9.1727, -4.2155

Details

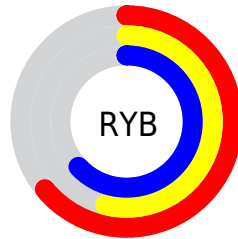
The XYZ color **30.8313, 28.6427, 37.6218** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5655, 33.8780, 30.2344**, and the grayscale version is **28.2869, 29.7600, 32.4086**.

A 20% lighter version of the original color is **60.4577, 57.7172, 72.9198**, and **12.9321, 11.5283, 16.0116** is the 20% darker color. If you saturate the color by 10%, you get **28.4884, 24.2216, 36.0240**, and if you desaturate by 10%, it is **33.5337, 33.7779, 39.3526**.

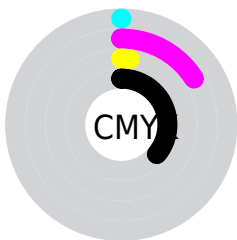
Distribution



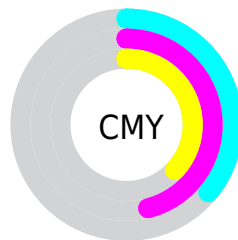
- Red (64%)
- Green (54%)
- Blue (63%)



- Red (64%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (36%)





- Cyan (36%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8313, 28.6427, 37.6218 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 30.8313, 28.6427, 37.6218 by changing the saturation by 10% instead.


 30.8313, 28.6427,
37.6218


 30.8313, 28.6427,
37.6218


297.6011,
295.5254, 351.2442


 20.6216, 18.8107,
25.3897


 60.3520, 57.5089,
72.7251

 12.9586, 11.5336,
16.1460


 80.3938, 77.3119,
96.4333

 7.4768, 6.4269,
9.4721


 104.4436,
101.2074, 124.8041

 3.8110, 3.1064,
4.9494

132.8668,
129.5797, 158.2559

 1.5958, 1.1875,
2.1594

166.0289,
162.8133, 197.2073

 0.3897, 0.0515,
0.6508

204.2950,

 0.0000, 0.0000,

201.2925, 242.0768

0.0000

248.0307,
245.4017, 293.2829

■ 30.8313, 28.6427,
37.6218

■ 30.8313, 28.6427,
37.6218

■ 28.4884, 24.2216,
36.0240

■ 33.5337, 33.7779,
39.3526

■ 26.4866, 20.4790,
34.5519

■ 36.6080, 39.6533,
41.2196

■ 24.8097, 17.3822,
33.2005

■ 40.0690, 46.2981,
43.2280

■ 23.4390, 14.8939,
31.9634

■ 43.9301, 53.7389,
45.3825

■ 22.3541, 12.9732,
30.8339

■ 48.2039, 62.0011,
47.6871

■ 21.5320, 11.5742,
29.8041

■ 52.9026, 71.1089,
50.1462

■ 20.9463, 10.6438,
28.8653

■ 58.0378, 81.0855,
52.7635

■ 20.5613, 10.1113,
28.0055

■ 58.9204, 82.5527,
53.9761

■ 20.4267, 9.9393,
27.6607

■ 59.1092, 82.6283,
54.9703

Harmonies

Analogous

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



29.2119, 28.6427, 42.5159



30.8313, 28.6427, 37.6218



31.4774, 28.6427, 31.4632

Triad

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



30.8313, 28.6427, 37.6218



27.3203, 28.6427, 20.9682



23.8216, 28.6427, 37.0840

Complementary

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



30.8313, 28.6427, 37.6218



28.5655, 33.8780, 30.2344

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.



23.3722, 28.6427, 30.9125



30.8313, 28.6427, 37.6218



25.3284, 28.6427, 22.0738

Square

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



30.8313, 28.6427, 37.6218



29.3868, 28.6427, 22.2932



23.9097, 28.6427, 25.5313



25.1701, 28.6427, 42.1783

Rectangle

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



30.8313, 28.6427, 37.6218



31.2452, 28.6427, 27.6244



23.9097, 28.6427, 25.5313



23.5636, 28.6427, 35.0436

Sweetspot

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



30.8321, 28.6439, 37.6224



61.2675, 62.0722, 71.6789



26.7072, 26.4865, 38.8271



13.3177, 13.4243, 15.6228



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.



30.8321, 28.6439, 37.6224



54.4011, 49.0347, 67.2465



29.7763, 28.2216, 32.0623



7.3290, 7.1880, 8.7187



15.6732, 7.6254, 21.2677



0.3386, 0.1639, 0.4958

Inverse Universe

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



30.8321, 28.6439, 37.6224



54.4011, 49.0347, 67.2465



29.5571, 34.2746, 35.4562



7.3290, 7.1880, 8.7187



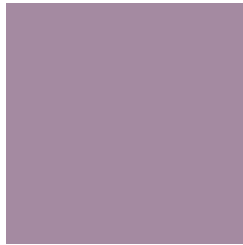
15.6732, 7.6254, 21.2677



0.3386, 0.1639, 0.4958

Previews

White Background



This preview shows how the XYZ color 30.8313, 28.6427, 37.6218 looks on a white background.

Color Contrast Check

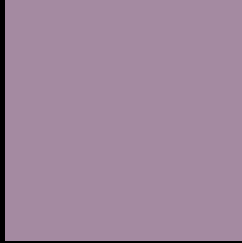
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8313, 28.6427, 37.6218 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 30.8313, 28.6427, 37.6218

Background



This preview shows how black text looks on a background with the XYZ color 30.8313, 28.6427, 37.6218.



This preview shows how white text looks on a background with the XYZ color 30.8313, 28.6427,

37.6218.

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

30.8313, 28.6427, 37.6218

Protanopia

28.2446, 28.8071, 39.6690

Deuteranopia

29.3446, 28.7541, 37.2612



Tritanopia

30.0683, 28.7771, 33.2479

Trichromacy



Original Color

30.8313, 28.6427, 37.6218

Protanomaly

29.1363, 28.6056, 39.1078

Deuteranomaly

29.9706, 28.8569, 37.2480

Tritanomaly

30.2533, 28.6183, 34.9397

Monochromacy



Original Color

30.8313, 28.6427, 37.6218

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 30.8313, 28.6427, 37.6218 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(164, 138, 161)` looks like.

```
.text, #text, p{  
    color:rgb(164, 138, 161)  
}
```

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(164, 138, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 138, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.8313, 28.6427, 37.6218 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(164, 138, 161) }
```


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

```
.border{ border-color:rgb(164, 138, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 138, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 138, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 138, 161);  
box-shadow:4px 4px 4px 4px rgb(164, 138,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8313, 28.6427, 37.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 138, 161) }
```

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

```
.background{ background-color: rgb(164,  
138, 161) }
```

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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