

Converting Colors

XYZ(30.8884, 30.4553, 35.9284)

Have a look what the booklet for
XYZ(30.8884, 30.4553, 35.9284)
contains.

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Color

**XYZ(30.8619, 30.4657,
36.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	A0929D
RGB	160, 146, 157
RGB Percent	63%, 57%, 62%
CMY	0.3725, 0.4274, 0.3843
CMYK	0.00, 0.09, 0.02, 0.37
HSL	313°, 7%, 60%
HSV	313°, 9%, 63%
XYZ	30.8619, 30.4657, 36.1522
YIQ	151.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

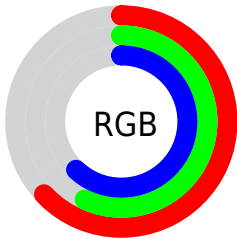
Format	Color
R_{YB}	160, 146, 157
Decimal	10523293
CIE Lab	62.05, 7.22, -3.92
CIE LCh	62, 8.215, 331.538
Yxy	30.4657, 0.3166, 0.3125
Android (android.graphics.Color)	4288713373 (0xFFFA0929D)
YUV	151.4400, 2.7411, 7.5071
Hunter-Lab	55.1957, 3.2131, -0.1968

Details

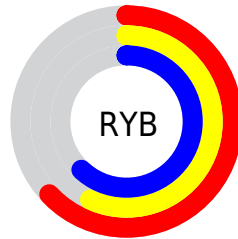
The XYZ color **30.8619, 30.4657, 36.1522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8508, 33.4233, 33.3134**, and the grayscale version is **29.5919, 31.1330, 33.9038**.

A 20% lighter version of the original color is **60.5623, 60.5091, 70.7748**, and **13.0911, 12.6576, 15.3888** is the 20% darker color. If you saturate the color by 10%, you get **28.2777, 25.7588, 33.8668**, and if you desaturate by 10%, it is **33.8013, 35.8689, 38.5973**.

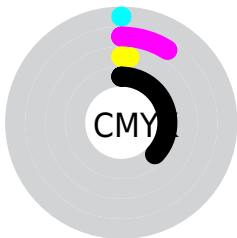
Distribution



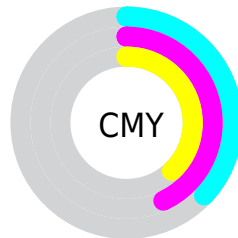
- Red (63%)
- Green (57%)
- Blue (62%)



- Red (63%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (37%)



- Cyan (37%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8619, 30.4657, 36.1522 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 30.8619, 30.4657, 36.1522 by changing the saturation by 10% instead.

■ 30.8619, 30.4657,
36.1522

■ 30.8619, 30.4657,
36.1522

297.7398,
304.0692, 344.6828

■ 20.6450, 20.1923,
24.2611

■ 60.3999, 60.3979,
70.4386

■ 12.9758, 12.5349,
15.3135

■ 80.4517, 80.8255,
93.6710

■ 7.4887, 7.1091,
8.8906

104.5126,
105.4066, 121.5210

■ 3.8186, 3.5304,
4.5741

132.9479,
134.5257, 154.4070

■ 1.6000, 1.4145,
1.9453

166.1229,
168.5671, 192.7477

■ 0.3924, 0.2274,
0.5213

204.4029,

■ 0.0000, 0.0000,

207.9152, 236.9615

0.0000

248.1535,
252.9545, 287.4670

■ 30.8619, 30.4657,
36.1522

■ 30.8619, 30.4657,
36.1522

■ 28.2777, 25.7588,
33.8668

■ 33.8013, 35.8689,
38.5973

■ 26.0317, 21.7158,
31.7340

■ 37.1068, 41.9914,
41.2048

■ 24.1094, 18.3073,
29.7491

■ 40.7919, 48.8598,
43.9801

■ 22.4945, 15.5006,
27.9061

■ 44.8688, 56.4985,
46.9276

■ 21.1688, 13.2597,
26.1987

■ 49.3492, 64.9305,
50.0513

■ 20.1124, 11.5449,
24.6200

■ 54.2442, 74.1780,
53.3554

■ 19.3030, 10.3113,
23.1622

■ 58.5984, 82.3301,
56.5216

■ 18.7141, 9.5065,
21.8160

■ 58.9547, 82.4726,
58.3980

■ 18.2940, 9.0271,
20.5639

■ 59.3198, 82.6186,
60.3203

Harmonies

Analogous

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



30.0805, 30.4657, 38.6237



30.8619, 30.4657, 36.1522



31.1294, 30.4657, 33.0091

Triad

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



30.8619, 30.4657, 36.1522



28.8998, 30.4657, 27.4622



27.1862, 30.4657, 36.4522

Complementary

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



30.8619, 30.4657, 36.1522



29.8508, 33.4233, 33.3134

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.



26.8876, 30.4657, 33.3353



30.8619, 30.4657, 36.1522



27.8613, 30.4657, 28.2590

Square

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



30.8619, 30.4657, 36.1522



29.9795, 30.4657, 28.1127



27.1316, 30.4657, 30.3602



27.9575, 30.4657, 38.8045

Rectangle

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



30.8619, 30.4657, 36.1522



30.9750, 30.4657, 30.9913



27.1316, 30.4657, 30.3602



27.0281, 30.4657, 35.4526

Sweetspot

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



30.8628, 30.4670, 36.1529



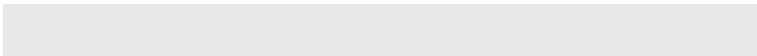
58.9930, 60.7421, 68.1321



28.9833, 29.4682, 37.4185



12.8467, 13.1536, 14.8665



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.8628, 30.4670, 36.1529



55.3201, 54.0070, 65.0252



30.2983, 30.2412, 33.1802



6.8432, 6.7302, 8.0256



14.2286, 6.9960, 15.9867



0.2684, 0.1307, 0.3596

Inverse Universe

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



30.8628, 30.4670, 36.1529



55.3201, 54.0070, 65.0252



30.4097, 33.6469, 36.2563



6.8432, 6.7302, 8.0256



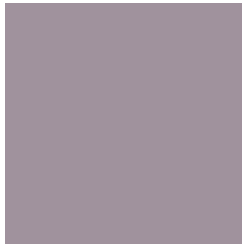
14.2286, 6.9960, 15.9867



0.2684, 0.1307, 0.3596

Previews

White Background



This preview shows how the XYZ color 30.8619, 30.4657, 36.1522 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 30.8619, 30.4657, 36.1522 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 30.8619, 30.4657, 36.1522

Background



This preview shows how black text looks on a background with the XYZ color 30.8619, 30.4657, 36.1522.



This preview shows how white text looks on a background with the XYZ color 30.8619, 30.4657,

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

30.8619, 30.4657, 36.1522

Protanopia

29.5831, 30.4821, 37.1253

Deuteranopia

31.0626, 30.5692, 36.1615



Tritanopia

30.8619, 30.4657, 36.1522

Trichromacy



Original Color

30.8619, 30.4657, 36.1522

Protanomaly

30.0879, 30.5185, 36.6526

Deuteranomaly

31.0626, 30.5692, 36.1615

Tritanomaly

30.8619, 30.4657, 36.1522

Monochromacy



Original Color

30.8619, 30.4657, 36.1522

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8236, 30.6648, 34.4840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8619, 30.4657, 36.1522 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(160, 146, 157)` looks like.

```
.text, #text, p{  
    color:rgb(160, 146, 157)  
}
```

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(160, 146, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 146, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.8619, 30.4657, 36.1522 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(160, 146, 157) }
```


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

```
.border{ border-color:rgb(160, 146, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 146, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 146, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 146, 157);  
box-shadow:4px 4px 4px 4px rgb(160, 146,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8619, 30.4657, 36.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 146, 157) }
```

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

```
.background{ background-color: rgb(160,  
146, 157) }
```

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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