

Converting Colors

XYZ(30.4808, 29.1300, 36.8170)

Have a look what the booklet for
XYZ(30.4808, 29.1300, 36.8170)
contains.

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Color

**XYZ(30.4808, 29.1300,
36.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	A18D9F
RGB	161, 141, 159
RGB Percent	63%, 55%, 62%
CMY	0.3686, 0.4470, 0.3765
CMYK	0.00, 0.12, 0.01, 0.37
HSL	306°, 10%, 59%
HSV	306°, 12%, 63%
XYZ	30.4808, 29.1300, 36.8170
YIQ	149.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

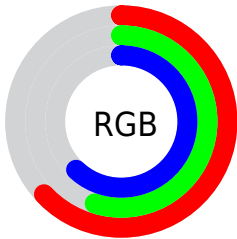
Format	Color
R_{YB}	161, 141, 159
Decimal	10587551
CIE _{Lab}	60.90, 10.79, -6.76
CIE _{LCh}	61, 12.732, 327.957
Yxy	29.1300, 0.3161, 0.3021
Android (android.graphics.Color)	4288777631 (0xFFA18D9F)
YUV	149.0320, 4.9142, 10.4959
Hunter-Lab	53.9722, 6.3565, -2.6640

Details

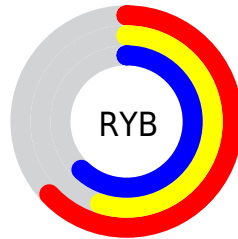
The XYZ color **30.4808, 29.1300, 36.8170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6884, 33.1364, 30.8721**, and the grayscale version is **28.5594, 30.0467, 32.7208**.

A 20% lighter version of the original color is **59.9716, 58.4842, 71.7461**, and **12.7545, 11.8161, 15.7959** is the 20% darker color. If you saturate the color by 10%, you get **28.1388, 24.6677, 35.3517**, and if you desaturate by 10%, it is **33.1715, 34.2858, 38.4082**.

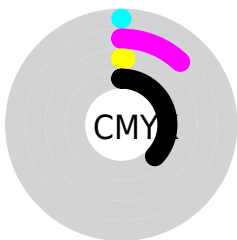
Distribution



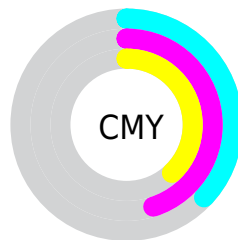
- Red (63%)
- Green (55%)
- Blue (62%)



- Red (63%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4808, 29.1300, 36.8170 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 30.4808, 29.1300, 36.8170 by changing the saturation by 10% instead.

■ 30.4808, 29.1300,
36.8170

■ 30.4808, 29.1300,
36.8170

296.0090,
297.8278, 347.6624

■ 20.3537, 19.1792,
24.7712

■ 59.8031, 58.2836,
71.4744

■ 12.7622, 11.7998,
15.6892

■ 79.7291, 78.2551,
94.9231

■ 7.3408, 6.6075,
9.1525

■ 103.6520,
102.3357, 123.0098

■ 3.7244, 3.2179,
4.7426

131.9373,
130.9097, 156.1530

■ 1.5474, 1.2465,
2.0410

164.9503,
164.3615, 194.7713

■ 0.3578, 0.0992,
0.5803

203.0563,

■ 0.0000, 0.0000,

203.0755, 239.2833

0.0000

246.6207,
247.4362, 290.1075

■ 30.4808, 29.1300,
36.8170

■ 30.4808, 29.1300,
36.8170

■ 28.1388, 24.6677,
35.3517

■ 33.1715, 34.2858,
38.4082

■ 26.1280, 20.8654,
34.0054

■ 36.2221, 40.1591,
40.1281

■ 24.4334, 17.6927,
32.7734

■ 39.6469, 46.7776,
41.9817

■ 23.0378, 15.1150,
31.6499

■ 43.4581, 54.1662,
43.9733

■ 21.9223, 13.0946,
30.6287

■ 47.6678, 62.3487,
46.1068

■ 21.0658, 11.5895,
29.7026

■ 52.2874, 71.3480,
48.3860

■ 20.4445, 10.5517,
28.8637

■ 57.3278, 81.1860,
50.8147

■ 20.0296, 9.9241,
28.1023

■ 57.8933, 82.0712,
51.7610

■ 19.8011, 9.6184,
27.5597

■ 58.0488, 82.1334,
52.5799

Harmonies

Analogous

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



29.2101, 29.1300, 40.4932



30.4808, 29.1300, 36.8170



30.9998, 29.1300, 32.0445

Triad

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



30.4808, 29.1300, 36.8170



27.8011, 29.1300, 23.4339



24.9634, 29.1300, 36.1973

Complementary

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



30.4808, 29.1300, 36.8170



28.6884, 33.1364, 30.8721

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.



24.6194, 29.1300, 31.3930



30.4808, 29.1300, 36.8170



26.2181, 29.1300, 24.3114

Square

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



30.4808, 29.1300, 36.8170



29.4148, 29.1300, 24.5853



25.0697, 29.1300, 27.1123



26.0286, 29.1300, 40.1110

Rectangle

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



30.4808, 29.1300, 36.8170



30.8347, 29.1300, 28.9830



25.0697, 29.1300, 27.1123



24.7615, 29.1300, 34.6191

Sweetspot

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



30.4817, 29.1313, 36.8176



58.5656, 59.7873, 68.2979



27.2868, 27.4641, 37.5816



12.7655, 12.9610, 14.9328



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.



30.4817, 29.1313, 36.8176



53.3266, 49.7598, 65.1629



29.6486, 28.7980, 32.4308



7.3337, 7.1899, 8.7434



15.8229, 7.6852, 22.0555



0.3407, 0.1648, 0.5066

Inverse Universe

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



30.4817, 29.1313, 36.8176



53.3266, 49.7598, 65.1629



29.4801, 33.4531, 35.0412



7.3337, 7.1899, 8.7434



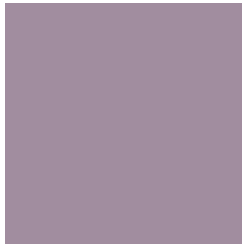
15.8229, 7.6852, 22.0555



0.3407, 0.1648, 0.5066

Previews

White Background



This preview shows how the XYZ color 30.4808, 29.1300, 36.8170 looks on a white background.

Color Contrast Check

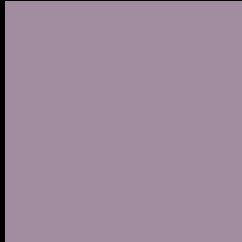
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4808, 29.1300, 36.8170 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 30.4808, 29.1300, 36.8170

Background



This preview shows how black text looks on a background with the XYZ color 30.4808, 29.1300, 36.8170.



This preview shows how white text looks on a background with the XYZ color 30.4808, 29.1300,

36.8170.

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

30.4808, 29.1300, 36.8170

Protanopia

28.4775, 29.1861, 38.3150

Deuteranopia

29.7908, 29.2160, 36.8700



Tritanopia

29.9200, 29.1195, 34.1807

Trichromacy



Original Color

30.4808, 29.1300, 36.8170

Protanomaly

29.1688, 29.0990, 37.7975

Deuteranomaly

30.0316, 29.1183, 36.8384

Tritanomaly

30.0866, 29.1861, 35.0581

Monochromacy



Original Color

30.4808, 29.1300, 36.8170

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1655, 29.6300, 34.3190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4808, 29.1300, 36.8170 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(161, 141, 159)` looks like.

```
.text, #text, p{  
    color:rgb(161, 141, 159)  
}
```

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(161, 141, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 141, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.4808, 29.1300, 36.8170 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(161, 141, 159) }
```


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

```
.border{ border-color:rgb(161, 141, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 141, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 141, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 141, 159);  
box-shadow:4px 4px 4px 4px rgb(161, 141,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4808, 29.1300, 36.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 141, 159) }
```

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

```
.background{ background-color: rgb(161,  
141, 159) }
```

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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