

Converting Colors

XYZ(30.7135, 31.2257, 30.7323)

Have a look what the booklet for
XYZ(30.7135, 31.2257, 30.7323)
contains.

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Color

**XYZ(30.6818, 31.1899,
30.7887)**

Conversions

Conversions Part 1

Format	Color
Hex	A29590
RGB	162, 149, 144
RGB Percent	64%, 58%, 56%
CMY	0.3647, 0.4157, 0.4353
CMYK	0.00, 0.08, 0.11, 0.36
HSL	17°, 9%, 60%
HSV	17°, 11%, 64%
XYZ	30.6818, 31.1899, 30.7887
YIQ	152.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

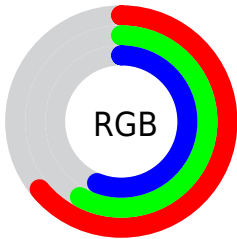
Format	Color
R_{YB}	162, 151, 144
Decimal	10655120
CIE Lab	62.67, 3.91, 4.36
CIE LCh	63, 5.856, 48.141
Yxy	31.1899, 0.3311, 0.3366
Android (android.graphics.Color)	4288845200 (0xFFA29590)
YUV	152.3170, -4.1003, 8.4920
Hunter-Lab	55.8479, 0.3307, 6.4072

Details

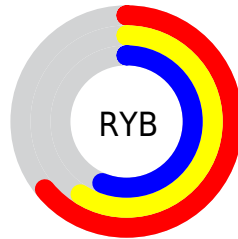
The XYZ color **30.6818, 31.1899, 30.7887** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0801, 32.6513, 38.8997**, and the grayscale version is **29.9970, 31.5592, 34.3680**.

A 20% lighter version of the original color is **60.1643, 61.5408, 62.1336**, and **12.8185, 12.8585, 12.3960** is the 20% darker color. If you saturate the color by 10%, you get **27.7730, 27.2134, 24.1424**, and if you desaturate by 10%, it is **33.9560, 35.6121, 38.4342**.

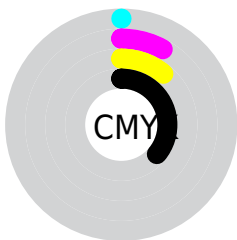
Distribution



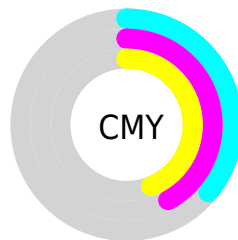
- Red (64%)
- Green (58%)
- Blue (56%)



- Red (64%)
- Yellow (59%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6818, 31.1899, 30.7887 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 30.6818, 31.1899, 30.7887 by changing the saturation by 10% instead.

■ 30.6818, 31.1899,
30.7887

■ 30.6818, 31.1899,
30.7887

296.9228,
307.4122, 319.8847

■ 20.5073, 20.7435,
20.1809

■ 60.1180, 61.5389,
61.9829

■ 12.8747, 12.9366,
12.3412

■ 80.1104, 82.2103,
83.4064

■ 7.4188, 7.3849,
6.8512

104.1062,
107.0589, 109.2722

■ 3.7740, 3.7040,
3.2922

132.4707,
136.4689, 139.9988

■ 1.5751, 1.5094,
1.2457

165.5692,
170.8249, 176.0049

■ 0.3761, 0.2953,
0.0166

203.7672,

■ 0.0000, 0.0000,

210.5112, 217.7088

0.0000

247.4299,
255.9122, 265.5292

■ 30.6818, 31.1899,
30.7887

■ 30.6818, 31.1899,
30.7887

■ 27.7730, 27.2134,
24.1424

■ 33.9560, 35.6121,
38.4342

■ 25.2139, 23.6644,
18.4518

■ 37.6052, 40.4890,
47.1159

■ 22.9917, 20.5298,
13.6731

■ 41.6421, 45.8349,
56.8715

■ 21.0915, 17.7939,
9.7584

■ 46.0779, 51.6619,
67.7360

■ 19.4976, 15.4402,
6.6554

■ 50.9232, 57.9817,
79.7429

■ 18.1925, 13.4511,
4.3058

■ 56.1884, 64.8057,
92.9244

■ 17.1570, 11.8072,
2.6436

■ 61.4944, 71.9893,
105.2620

■ 16.3689, 10.4872,
1.5913

■ 64.8764, 78.7534,
106.3893

■ 15.8399, 9.5603,
1.0105

■ 68.4813, 85.9632,
107.5910

Harmonies

Analogous

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



31.1287, 31.1899, 32.6093



30.6818, 31.1899, 30.7887



29.9618, 31.1899, 29.8351

Triad

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



30.6818, 31.1899, 30.7887



28.1672, 31.1899, 33.0646



30.1258, 31.1899, 38.3143

Complementary

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



30.6818, 31.1899, 30.7887



30.0801, 32.6513, 38.8997

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.



29.3306, 31.1899, 38.4496



30.6818, 31.1899, 30.7887



28.2094, 31.1899, 35.3485

Square

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



30.6818, 31.1899, 30.7887



28.5158, 31.1899, 31.1091



28.6319, 31.1899, 37.3430



30.8037, 31.1899, 36.9811

Rectangle

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



30.6818, 31.1899, 30.7887



29.4281, 31.1899, 29.7897



28.6319, 31.1899, 37.3430



29.8631, 31.1899, 38.5035

Sweetspot

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



30.6827, 31.1913, 30.7894



60.4350, 63.0247, 66.9277



30.9769, 30.0695, 36.1596



13.4654, 14.0096, 14.7780



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.



30.6827, 31.1913, 30.7894



54.5185, 55.0155, 53.1675



32.1275, 34.0810, 31.2710



7.2266, 7.3916, 7.4259



12.5111, 7.5962, 0.8068



0.3005, 0.2349, 0.0295

Inverse Universe

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



30.0801, 32.6513, 38.8997



53.2327, 58.1298, 70.4706



28.6449, 29.7810, 38.4214



7.1089, 7.6768, 9.0102



10.1845, 12.1483, 28.7379



0.2505, 0.3282, 0.6160

Previews

White Background



This preview shows how the XYZ color 30.6818, 31.1899, 30.7887 looks on a white background.

Color Contrast Check

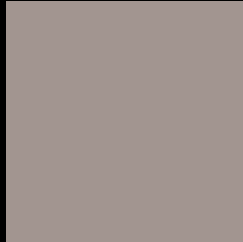
Large Text (above 18pt) WCAG AA × Fail

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 30.6818, 31.1899, 30.7887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

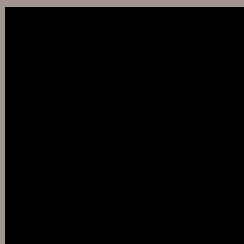
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6818, 31.1899, 30.7887

Background



This preview shows how black text looks on a background with the XYZ color 30.6818, 31.1899, 30.7887.



This preview shows how white text looks on a background with the XYZ color 30.6818, 31.1899,

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

30.6818, 31.1899, 30.7887

Protanopia

29.8877, 31.2455, 31.2438

Deuteranopia

31.6751, 31.0064, 30.7009



Tritanopia

31.9151, 31.2286, 36.6934

Trichromacy



Original Color

30.6818, 31.1899, 30.7887

Protanomaly

30.1177, 31.1261, 31.2086

Deuteranomaly

31.1936, 30.9880, 30.7228

Tritanomaly

31.4439, 31.2662, 34.5147

Monochromacy



Original Color

30.6818, 31.1899, 30.7887

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2017, 31.3711, 32.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6818, 31.1899, 30.7887 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(162, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 144)  
}
```

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(162, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.6818, 31.1899, 30.7887 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(162, 149, 144) }
```


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

```
.border{ border-color:rgb(162, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6818, 31.1899, 30.7887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 144) }
```

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

```
.background{ background-color: rgb(162,  
149, 144) }
```

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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