

Converting Colors

XYZ(30.5095, 31.1992, 29.7987)

Have a look what the booklet for
XYZ(30.5095, 31.1992, 29.7987)
contains.

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Color

**XYZ(30.4555, 31.0994,
29.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	A2958D
RGB	162, 149, 141
RGB Percent	64%, 58%, 55%
CMY	0.3647, 0.4157, 0.4471
CMYK	0.00, 0.08, 0.13, 0.36
HSL	23°, 10%, 59%
HSV	23°, 13%, 64%
XYZ	30.4555, 31.0994, 29.5969
YIQ	151.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

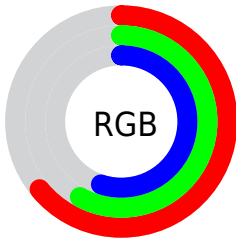
Format	Color
RYB	162, 154, 141
Decimal	10655117
CIELab	62.59, 3.39, 5.95
CIELCh	63, 6.845, 60.308
Yxy	31.0994, 0.3341, 0.3412
Android (android.graphics.Color)	4288845197 (0xFFA2958D)
YUV	151.9750, -5.4107, 8.7919
Hunter-Lab	55.7668, -0.1092, 7.5701

Details

The XYZ color **30.4555, 31.0994, 29.5969** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0616, 31.3820, 38.7084**, and the grayscale version is **29.8545, 31.4092, 34.2046**.

A 20% lighter version of the original color is **59.8215, 61.4037, 60.3289**, and **12.6864, 12.8057, 11.7006** is the 20% darker color. If you saturate the color by 10%, you get **27.8188, 27.6159, 23.1996**, and if you desaturate by 10%, it is **33.4068, 34.9294, 36.9697**.

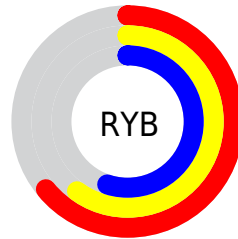
Distribution



Red (64%)

Green (58%)

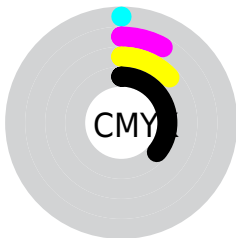
Blue (55%)



Red (64%)

Yellow (60%)

Blue (55%)

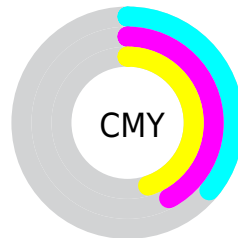


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4555, 31.0994, 29.5969 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 30.4555, 31.0994, 29.5969 by changing the saturation by 10% instead.

■ 30.4555, 31.0994,
29.5969

■ 30.4555, 31.0994,
29.5969

295.8938,
306.9960, 314.1696

■ 20.3344, 20.6746,
19.2834

■ 59.7635, 61.3965,
60.0776

■ 12.7480, 12.8863,
11.6963

■ 79.6810, 82.0376,
81.0818

■ 7.3311, 7.3503,
6.4172

■ 103.5948,
106.8529, 106.4866

■ 3.7182, 3.6821,
3.0275

131.8701,
136.2267, 136.7107

■ 1.5440, 1.4974,
1.1087

164.8723,
170.5436, 172.1725

■ 0.3554, 0.2869,
0.0000

202.9667,

■ 0.0000, 0.0000,

210.1878, 213.2905

0.0000

246.5188,
255.5438, 260.4834

■ 30.4555, 31.0994,
29.5969

■ 30.4555, 31.0994,
29.5969

■ 27.8188, 27.6159,
23.1996

■ 33.4068, 34.9294,
36.9697

■ 25.4832, 24.4648,
17.7347

■ 36.6807, 39.1111,
45.3550

■ 23.4378, 21.6371,
13.1584

■ 40.2879, 43.6552,
54.7900

■ 21.6698, 19.1218,
9.4229

■ 44.2380, 48.5702,
65.3095

■ 20.1659, 16.9073,
6.4756

■ 48.5400, 53.8646,
76.9469

■ 18.9110, 14.9811,
4.2582

■ 53.2028, 59.5466,
89.7338

■ 17.8884, 13.3295,
2.7037

■ 58.2348, 65.6240,
103.7009

■ 17.0787, 11.9375,
1.7329

■ 61.0290, 71.0586,
105.1068

■ 16.6089, 11.0983,
1.2668

■ 63.8873, 76.7752,
106.0596

Harmonies

Analogous

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



31.1331, 31.0994, 31.3378



30.4555, 31.0994, 29.5969



29.5494, 31.0994, 28.9853

Triad

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



30.4555, 31.0994, 29.5969



27.8032, 31.0994, 33.8896



30.4725, 31.0994, 38.4882

Complementary

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



30.4555, 31.0994, 29.5969



29.0616, 31.3820, 38.7084

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.



29.5687, 31.0994, 39.2570



30.4555, 31.0994, 29.5969



28.0390, 31.0994, 36.5182

Square

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



30.4555, 31.0994, 29.5969



28.0297, 31.0994, 31.3832



28.6804, 31.0994, 38.5183



31.1431, 31.0994, 36.4679

Rectangle

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



30.4555, 31.0994, 29.5969



28.9415, 31.0994, 29.2738



28.6804, 31.0994, 38.5183



30.1853, 31.0994, 38.9062

Sweetspot

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



30.4564, 31.1008, 29.5976



60.0223, 62.6061, 65.5356



30.2833, 29.0747, 34.7193



13.3899, 13.9438, 14.4899



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.



30.4564, 31.1008, 29.5976



53.6286, 54.2781, 49.6571



32.1410, 34.4700, 30.1591



7.2847, 7.5078, 7.4453



13.1238, 8.8214, 1.0110



0.3205, 0.2748, 0.0362

Inverse Universe

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



29.0616, 31.3820, 38.7084



50.5152, 54.9048, 69.9914



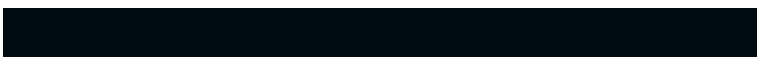
27.4495, 28.1578, 38.1711



7.0483, 7.5555, 8.9900



8.7904, 9.3602, 28.2732



0.2282, 0.2836, 0.6086

Previews

White Background



This preview shows how the XYZ color 30.4555, 31.0994, 29.5969 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 30.4555, 31.0994, 29.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

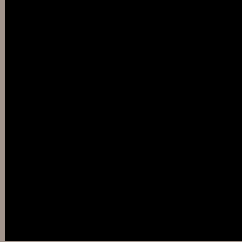
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4555, 31.0994, 29.5969

Background



This preview shows how black text looks on a background with the XYZ color 30.4555, 31.0994, 29.5969.



This preview shows how white text looks on a background with the XYZ color 30.4555, 31.0994,

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

30.4555, 31.0994, 29.5969

Protanopia

29.6594, 31.1541, 30.0413

Deuteranopia

31.7389, 31.0568, 29.9129



Tritanopia

31.7603, 30.9189, 36.6417

Trichromacy



Original Color

30.4555, 31.0994, 29.5969

Protanomaly

29.8894, 31.0348, 30.0062

Deuteranomaly

31.2526, 31.0359, 29.9345

Tritanomaly

31.2055, 30.9210, 34.0294

Monochromacy



Original Color

30.4555, 31.0994, 29.5969

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1222, 31.3393, 32.4784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4555, 31.0994, 29.5969 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.4555, 31.0994, 29.5969 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, 141) }
```


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

```
.border{ border-color:rgb(162, 149, 141) }
```

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, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4555, 31.0994, 29.5969 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, 141) }
```

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

```
.background{ background-color: rgb(162,  
149, 141) }
```

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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