

Converting Colors

XYZ(30.3600, 31.3142, 35.5994)

Have a look what the booklet for
XYZ(30.3600, 31.3142, 35.5994)
contains.

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Color

**XYZ(30.3094, 31.3698,
35.4678)**

Conversions

Conversions Part 1

Format	Color
Hex	9A979B
RGB	154, 151, 155
RGB Percent	60%, 59%, 61%
CMY	0.3961, 0.4078, 0.3922
CMYK	0.01, 0.03, 0.00, 0.39
HSL	285°, 2%, 60%
HSV	285°, 3%, 61%
XYZ	30.3094, 31.3698, 35.4678
YIQ	152.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

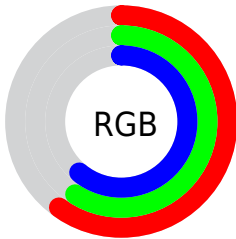
Format	Color
RYB	154, 151, 155
Decimal	10131355
CIELab	62.82, 1.86, -1.72
CIELCh	63, 2.534, 317.337
Yxy	31.3698, 0.3120, 0.3229
Android (android.graphics.Color)	4288321435 (0xFF9A979B)
YUV	152.3530, 1.3050, 1.4444
Hunter-Lab	56.0087, -1.4192, 1.6605

Details

The XYZ color **30.3094, 31.3698, 35.4678** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2573, 32.3533, 33.9299**, and the grayscale version is **29.9927, 31.5546, 34.3630**.

A 20% lighter version of the original color is **59.3524, 61.6760, 69.0981**, and **12.6494, 12.9974, 14.9388** is the 20% darker color. If you saturate the color by 10%, you get **27.2512, 26.3311, 34.6569**, and if you desaturate by 10%, it is **33.7212, 37.0794, 36.3905**.

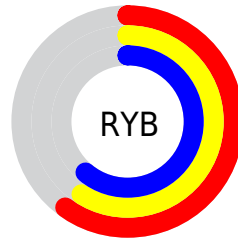
Distribution



Red (60%)

Green (59%)

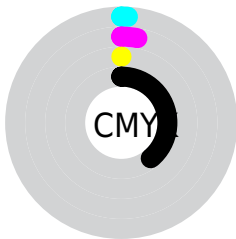
Blue (61%)



Red (60%)

Yellow (59%)

Blue (61%)

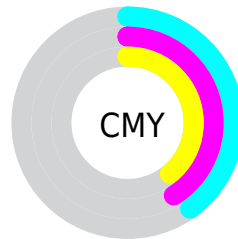


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (39%)



Cyan (40%)

Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3094, 31.3698, 35.4678 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 30.3094, 31.3698, 35.4678 by changing the saturation by 10% instead.

■ 30.3094, 31.3698,
35.4678

■ 30.3094, 31.3698,
35.4678

295.2280,
308.2384, 341.5952

■ 20.2228, 20.8806,
23.7370

■ 59.5344, 61.8218,
69.3696

■ 12.6663, 13.0368,
14.9283

■ 79.4035, 82.5534,
92.3777

■ 7.2746, 7.4539,
8.6230

103.2642,
107.4680, 119.9820

■ 3.6823, 3.7475,
4.4027

131.4817,
136.9498, 152.6010

■ 1.5240, 1.5334,
1.8487

164.4215,
171.3834, 190.6533

■ 0.3421, 0.3120,
0.4598

202.4489,

■ 0.0000, 0.0000,

211.1531, 234.5574

0.0000

245.9293,
256.6433, 284.7318

■ 30.3094, 31.3698,
35.4678

■ 30.3094, 31.3698,
35.4678

■ 27.2512, 26.3311,
34.6569

■ 33.7212, 37.0794,
36.3905

■ 24.5310, 21.9339,
33.9515

■ 37.4962, 43.4801,
37.4270

■ 22.1360, 18.1522,
33.3478

■ 41.6468, 50.5960,
38.5818

■ 20.0514, 14.9570,
32.8409

■ 46.1842, 58.4491,
39.8584

■ 18.2614, 12.3168,
32.4257

■ 51.1190, 67.0601,
41.2604

■ 16.7484, 10.1970,
32.0963

■ 56.4613, 76.4493,
42.7911

■ 15.4932, 8.5593,
31.8463

■ 60.7670, 83.7281,
43.9692

■ 14.4736, 7.3598,
31.6685

■ 61.6901, 84.2040,
44.0124

■ 13.6633, 6.5466,
31.5542

■ 62.6387, 84.6930,
44.0567

Harmonies

Analogous

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



30.0153, 31.3698, 36.0131



30.3094, 31.3698, 35.4678



30.4718, 31.3698, 34.5770

Triad

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



30.3094, 31.3698, 35.4678



29.9626, 31.3698, 32.3257



29.1837, 31.3698, 34.7290

Complementary

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



30.3094, 31.3698, 35.4678



30.2573, 32.3533, 33.9299

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.



29.1698, 31.3698, 33.7392



30.3094, 31.3698, 35.4678



29.6177, 31.3698, 32.3646

Square

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



30.3094, 31.3698, 35.4678



30.2705, 31.3698, 32.7704



29.3281, 31.3698, 32.8777



29.3662, 31.3698, 35.5809

Rectangle

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



30.3094, 31.3698, 35.4678



30.4827, 31.3698, 33.9129



29.3281, 31.3698, 32.8777



29.1592, 31.3698, 34.4010

Sweetspot

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



30.3103, 31.3711, 35.4685



55.1923, 57.6958, 63.7638



29.9192, 31.4254, 35.4996



12.5006, 13.0727, 14.4348



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.3103, 31.3711, 35.4685



54.0048, 55.7217, 63.4453



30.4234, 31.4385, 35.0664



6.6930, 6.8775, 7.9037



10.5967, 4.9138, 25.2977



0.1907, 0.0901, 0.3797

Inverse Universe

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



30.2528, 31.3702, 34.1680



53.8836, 55.7201, 60.6895



30.1470, 32.2876, 34.3217



6.6749, 6.8774, 7.4906



11.1621, 5.7191, 2.1127



0.1798, 0.0907, 0.0996

Previews

White Background



This preview shows how the XYZ color 30.3094, 31.3698, 35.4678 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 30.3094, 31.3698, 35.4678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

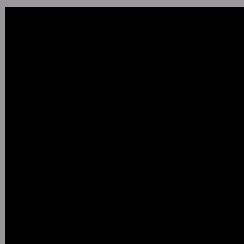
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3094, 31.3698, 35.4678

Background



This preview shows how black text looks on a background with the XYZ color 30.3094, 31.3698, 35.4678.



This preview shows how white text looks on a background with the XYZ color 30.3094, 31.3698,

35.4678.

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

30.3094, 31.3698, 35.4678

Protanopia

30.3094, 31.3698, 35.4678

Deuteranopia

31.9515, 31.2671, 35.8036



Tritanopia

30.9455, 31.3899, 38.6103

Trichromacy



Original Color

30.3094, 31.3698, 35.4678

Protanomaly

30.3094, 31.3698, 35.4678

Deuteranomaly

31.2886, 31.1572, 35.8173

Tritanomaly

30.6819, 31.2845, 37.2223

Monochromacy



Original Color

30.3094, 31.3698, 35.4678

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1149, 31.5287, 34.6354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3094, 31.3698, 35.4678 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(154, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 155)  
}
```

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(154, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.3094, 31.3698, 35.4678 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(154, 151, 155) }
```


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

```
.border{ border-color:rgb(154, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3094, 31.3698, 35.4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 155) }
```

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

```
.background{ background-color: rgb(154,  
151, 155) }
```

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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