

Converting Colors

XYZ(31.0742, 31.4243, 33.3761)

Have a look what the booklet for
XYZ(31.0742, 31.4243, 33.3761)
contains.

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Color

**XYZ(30.9504, 31.2740,
33.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	A19596
RGB	161, 149, 150
RGB Percent	63%, 58%, 59%
CMY	0.3686, 0.4157, 0.4118
CMYK	0.00, 0.07, 0.07, 0.37
HSL	355°, 6%, 61%
HSV	355°, 7%, 63%
XYZ	30.9504, 31.2740, 33.2594
YIQ	152.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

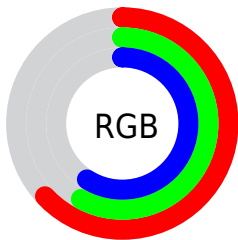
Format	Color
R_{YB}	161, 149, 150
Decimal	10589590
CIE Lab	62.74, 4.60, 1.06
CIE LCh	63, 4.722, 12.993
Yxy	31.2740, 0.3241, 0.3275
Android (android.graphics.Color)	4288779670 (0xFFA19596)
YUV	152.7020, -1.3321, 7.2773
Hunter-Lab	55.9232, 0.9244, 3.8844

Details

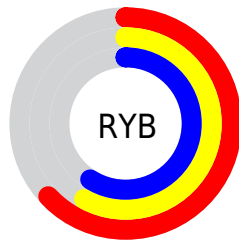
The XYZ color **30.9504, 31.2740, 33.2594** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4856, 34.4181, 38.2433**, and the grayscale version is **30.1530, 31.7233, 34.5467**.

A 20% lighter version of the original color is **60.5739, 61.6704, 65.8377**, and **12.9265, 12.8874, 13.6106** is the 20% darker color. If you saturate the color by 10%, you get **27.4625, 26.0819, 26.5969**, and if you desaturate by 10%, it is **34.9420, 37.2330, 40.8294**.

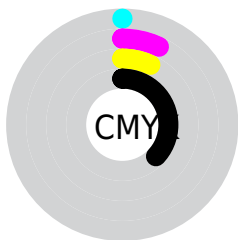
Distribution



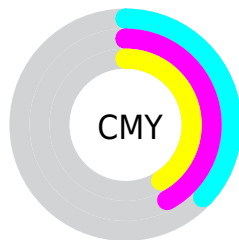
- Red (63%)
- Green (58%)
- Blue (59%)



- Red (63%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (37%)



- Cyan (37%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9504, 31.2740, 33.2594 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 30.9504, 31.2740, 33.2594 by changing the saturation by 10% instead.

■ 30.9504, 31.2740,
33.2594

■ 30.9504, 31.2740,
33.2594

298.1407,
307.7987, 331.4848

■ 20.7127, 20.8076,
22.0525

■ 60.5383, 61.6712,
65.9010

■ 13.0254, 12.9834,
13.6968

■ 80.6193, 82.3708,
88.1727

■ 7.5232, 7.4171,
7.7737

104.7121,
107.2502, 114.9698

■ 3.8406, 3.7243,
3.8648

133.1821,
136.6938, 146.7109

■ 1.6124, 1.5206,
1.5515

166.3946,
171.0861, 183.8143

■ 0.4004, 0.3031,
0.2558

204.7149,

■ 0.0000, 0.0000,

210.8114, 226.6988

0.0000

248.5085,
256.2541, 275.7827

■ 30.9504, 31.2740,
33.2594

■ 30.9504, 31.2740,
33.2594

■ 27.4625, 26.0819,
26.5969

■ 34.9420, 37.2330,
40.8294

■ 24.4557, 21.6218,
20.8059

■ 39.4534, 43.9840,
49.3372

■ 21.9098, 17.8618,
15.8510

■ 44.5034, 51.5559,
58.8139

■ 19.8018, 14.7664,
11.6935

■ 50.1089, 59.9752,
69.2889

■ 18.1070, 12.2970,
8.2916

■ 56.2861, 69.2669,
80.7901

■ 16.7981, 10.4109,
5.5999

■ 63.0507, 79.4551,
93.3444

■ 15.8446, 9.0599,
3.5679

■ 68.2412, 86.2104,
106.2523

■ 15.2113, 8.1884,
2.1385

■ 68.5081, 86.3171,
107.6579

■ 14.8449, 7.7071,
1.2414

Harmonies

Analogous

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



30.9273, 31.2740, 35.1020



30.9504, 31.2740, 33.2594



30.6418, 31.2740, 31.6861

Triad

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



30.9504, 31.2740, 33.2594



28.8870, 31.2740, 31.5186



29.3636, 31.2740, 37.5642

Complementary

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



30.9504, 31.2740, 33.2594



31.4856, 34.4181, 38.2433

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.



28.8267, 31.2740, 36.5330



30.9504, 31.2740, 33.2594



28.5543, 31.2740, 33.0233

Square

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



30.9504, 31.2740, 33.2594



29.4469, 31.2740, 30.7058



28.5324, 31.2740, 34.8572



30.0048, 31.2740, 37.6330

Rectangle

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



30.9504, 31.2740, 33.2594



30.2920, 31.2740, 30.9834



28.5324, 31.2740, 34.8572



29.1652, 31.2740, 37.3170

Sweetspot

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



30.9513, 31.2754, 33.2601



59.1860, 61.6139, 66.6991



31.6786, 31.5431, 38.1373



12.9994, 13.5412, 14.6641



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.



30.9513, 31.2754, 33.2601



54.2944, 54.3176, 57.4019



31.6793, 32.8593, 33.1083



7.0966, 7.0951, 7.4949



11.8057, 6.0783, 0.9014



0.2548, 0.1304, 0.0543

Inverse Universe

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



30.9513, 31.2754, 33.2601



54.2944, 54.3176, 57.4019



30.7171, 32.7408, 38.4192



7.0966, 7.0951, 7.4949



11.8057, 6.0783, 0.9014



0.2548, 0.1304, 0.0543

Previews

White Background



This preview shows how the XYZ color 30.9504, 31.2740, 33.2594 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 30.9504, 31.2740, 33.2594 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

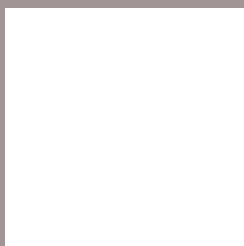
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9504, 31.2740, 33.2594

Background



This preview shows how black text looks on a background with the XYZ color 30.9504, 31.2740, 33.2594.

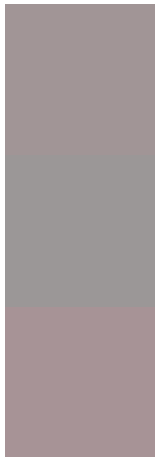


This preview shows how white text looks on a background with the XYZ color 30.9504, 31.2740,

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

30.9504, 31.2740, 33.2594

Protanopia

30.1701, 31.3361, 33.7365

Deuteranopia

31.8751, 31.2849, 33.2128



Tritanopia

31.7482, 31.3644, 37.1815

Trichromacy



Original Color

30.9504, 31.2740, 33.2594

Protanomaly

30.3969, 31.2152, 33.7012

Deuteranomaly

31.6120, 31.3812, 33.2452

Tritanomaly

31.4909, 31.2615, 35.8268

Monochromacy



Original Color

30.9504, 31.2740, 33.2594

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6060, 31.7914, 34.2290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9504, 31.2740, 33.2594 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, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 149, 150)  
}
```

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, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 149, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.9504, 31.2740, 33.2594 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, 149, 150) }
```


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

```
.border{ border-color:rgb(161, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 149,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9504, 31.2740, 33.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 149, 150) }
```

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

```
.background{ background-color: rgb(161,  
149, 150) }
```

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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