

Converting Colors

XYZ(29.8478, 30.6292, 31.7643)

Have a look what the booklet for
XYZ(29.8478, 30.6292, 31.7643)
contains.

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Color

**XYZ(29.9185, 30.7696,
31.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9593
RGB	157, 149, 147
RGB Percent	62%, 58%, 58%
CMY	0.3843, 0.4157, 0.4235
CMYK	0.00, 0.05, 0.06, 0.38
HSL	12°, 5%, 60%
HSV	12°, 6%, 62%
XYZ	29.9185, 30.7696, 31.9660
YIQ	151.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

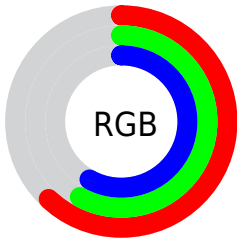
Format	Color
RYB	157, 150, 147
Decimal	10327443
CIELab	62.31, 2.57, 2.10
CIELCh	62, 3.316, 39.220
Yxy	30.7696, 0.3229, 0.3321
Android (android.graphics.Color)	4288517523 (0xFF9D9593)
YUV	151.1640, -2.0529, 5.1182
Hunter-Lab	55.4704, -0.7973, 4.6621

Details

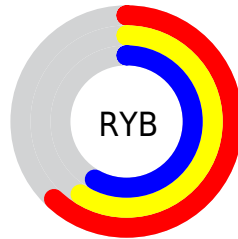
The XYZ color **29.9185, 30.7696, 31.9660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8396, 32.0794, 36.5177**, and the grayscale version is **29.4932, 31.0292, 33.7908**.

A 20% lighter version of the original color is **59.0499, 60.9260, 63.9060**, and **12.4692, 12.6626, 13.0962** is the 20% darker color. If you saturate the color by 10%, you get **26.8894, 26.5500, 25.2873**, and if you desaturate by 10%, it is **33.3317, 35.4874, 39.6031**.

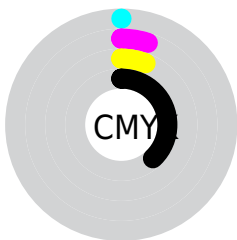
Distribution



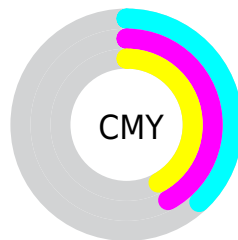
- Red (62%)
- Green (58%)
- Blue (58%)



- Red (62%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9185, 30.7696, 31.9660 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 29.9185, 30.7696, 31.9660 by changing the saturation by 10% instead.

■ 29.9185, 30.7696,
31.9660

■ 29.9185, 30.7696,
31.9660

293.4410,
305.4755, 325.4523

■ 19.9245, 20.4235,
21.0709

■ 58.9208, 60.8771,
63.8551

■ 12.4481, 12.7032,
12.9841

■ 78.6598, 81.4074,
85.6862

■ 7.1240, 7.2245,
7.2870

102.3778,
106.1010, 111.9997

■ 3.5868, 3.6029,
3.5611

130.4402,
135.3426, 143.2141

■ 1.4711, 1.4540,
1.3878

163.2124,
169.5164, 179.7481

■ 0.3061, 0.2560,
0.1322

201.0597,

■ 0.0000, 0.0000,

209.0069, 222.0200

0.0000

244.3475,
254.1985, 270.4486

■ 29.9185, 30.7696,
31.9660

■ 29.9185, 30.7696,
31.9660

■ 26.8894, 26.5500,
25.2873

■ 33.3317, 35.4874,
39.6031

■ 24.2283, 22.8085,
19.5271

■ 37.1391, 40.7150,
48.2323

■ 21.9216, 19.5292,
14.6456

■ 41.3540, 46.4684,
57.8883

■ 19.9542, 16.6941,
10.5994

■ 45.9880, 52.7618,
68.6032

■ 18.3095, 14.2837,
7.3413

■ 51.0524, 59.6088,
80.4082

■ 16.9698, 12.2774,
4.8195

■ 56.5578, 67.0227,
93.3326

■ 15.9153, 10.6524,
2.9759

■ 62.2072, 74.8930,
105.7849

■ 15.1239, 9.3840,
1.7433

■ 65.9683, 82.4153,
107.0386

■ 14.5671, 8.4428,
1.0256

■ 67.7147, 85.9082,
107.6207

Harmonies

Analogous

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



30.1047, 30.7696, 33.1089



29.9185, 30.7696, 31.9660



29.5525, 30.7696, 31.2473

Triad

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



29.9185, 30.7696, 31.9660



28.4470, 30.7696, 32.6346



29.3839, 30.7696, 35.9993

Complementary

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



29.9185, 30.7696, 31.9660



29.8396, 32.0794, 36.5177

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.



28.9408, 30.7696, 35.8644



29.9185, 30.7696, 31.9660



28.4029, 30.7696, 33.9000

Square

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



29.9185, 30.7696, 31.9660



28.7039, 30.7696, 31.6264



28.5828, 30.7696, 35.0882



29.7940, 30.7696, 35.4521

Rectangle

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



29.9185, 30.7696, 31.9660



29.2573, 30.7696, 31.0945



28.5828, 30.7696, 35.0882



29.2338, 30.7696, 36.0325

Sweetspot

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



29.9194, 30.7709, 31.9667



56.1433, 58.6547, 62.9570



30.2551, 30.4025, 35.2843



12.3704, 12.9293, 13.8901



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.



29.9194, 30.7709, 31.9667



52.5642, 53.6938, 54.9898



30.7270, 32.3862, 32.2359



6.7353, 6.8507, 6.9530



11.7228, 6.6813, 0.6718



0.2352, 0.1706, 0.0205

Inverse Universe

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



29.8396, 32.0794, 36.5177



52.3833, 56.6584, 65.3020



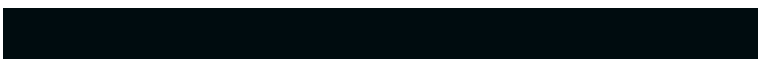
29.0251, 30.4505, 36.2463



6.7089, 7.2836, 8.4590



10.9822, 14.0560, 28.0415



0.2227, 0.3040, 0.5102

Previews

White Background



This preview shows how the XYZ color 29.9185, 30.7696, 31.9660 looks on a white background.

Color Contrast Check

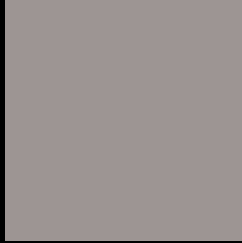
Large Text (above 18pt) WCAG AA × Fail

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 29.9185, 30.7696, 31.9660 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

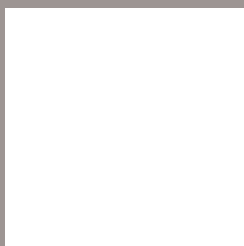
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9185, 30.7696, 31.9660

Background



This preview shows how black text looks on a background with the XYZ color 29.9185, 30.7696, 31.9660.

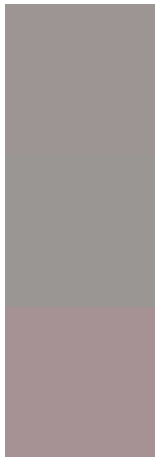


This preview shows how white text looks on a background with the XYZ color 29.9185, 30.7696, 31.9660.

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

29.9185, 30.7696, 31.9660

Protanopia

29.5781, 30.8208, 32.4071

Deuteranopia

31.3501, 30.8029, 32.3102



Tritanopia

30.9898, 30.7416, 37.1013

Trichromacy



Original Color

29.9185, 30.7696, 31.9660

Protanomaly

29.7692, 30.9194, 32.4160

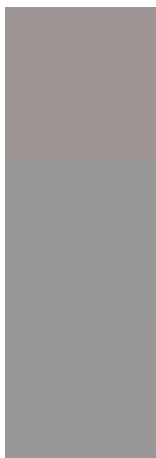
Deuteranomaly

30.8833, 30.7921, 32.3327

Tritanomaly

30.6069, 30.8155, 35.3452

Monochromacy



Original Color

29.9185, 30.7696, 31.9660

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5482, 30.7870, 33.2393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9185, 30.7696, 31.9660 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(157, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 147)  
}
```

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(157, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.9185, 30.7696, 31.9660 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(157, 149, 147) }
```


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

```
.border{ border-color:rgb(157, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9185, 30.7696, 31.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 147) }
```

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

```
.background{ background-color: rgb(157,  
149, 147) }
```

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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