

Converting Colors

XYZ(29.5931, 31.2185, 25.5851)

Have a look what the booklet for
XYZ(29.5931, 31.2185, 25.5851)
contains.

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Color

**XYZ(29.5931, 31.2185,
25.5851)**

Conversions

Conversions Part 1

Format	Color
Hex	A09782
RGB	160, 151, 130
RGB Percent	63%, 59%, 51%
CMY	0.3725, 0.4078, 0.4902
CMYK	0.00, 0.06, 0.19, 0.37
HSL	42°, 14%, 57%
HSV	42°, 19%, 63%
XYZ	29.5931, 31.2185, 25.5851
YIQ	151.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

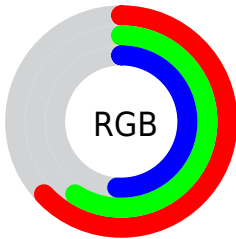
Format	Color
RYB	143, 160, 130
Decimal	10524546
CIELab	62.69, -0.30, 12.26
CIElCh	63, 12.263, 91.411
Yxy	31.2185, 0.3425, 0.3613
Android (android.graphics.Color)	4288714626 (0xFFA09782)
YUV	151.2970, -10.4994, 7.6325
Hunter-Lab	55.8735, -3.2371, 11.9619

Details

The XYZ color **29.5931, 31.2185, 25.5851** is a light color, and the websafe version is hex **999999**. A complement of this color would be **24.7836, 25.7486, 36.9218**, and the grayscale version is **29.5833, 31.1239, 33.8940**.

A 20% lighter version of the original color is **58.4029, 61.5286, 53.5978**, and **12.2267, 12.8966, 9.6295** is the 20% darker color. If you saturate the color by 10%, you get **27.8453, 29.3098, 20.1097**, and if you desaturate by 10%, it is **31.5411, 33.2597, 31.9520**.

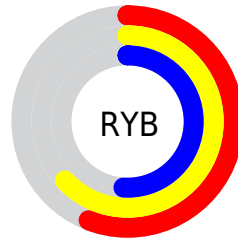
Distribution



Red (63%)

Green (59%)

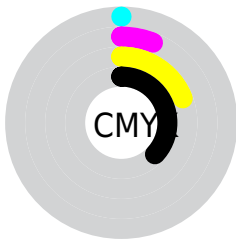
Blue (51%)



Red (56%)

Yellow (63%)

Blue (51%)

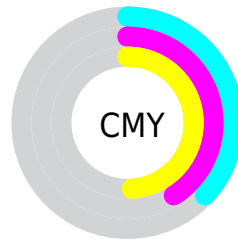


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (37%)



Cyan (37%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5931, 31.2185, 25.5851 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 29.5931, 31.2185, 25.5851 by changing the saturation by 10% instead.

■ 29.5931, 31.2185,
25.5851

■ 29.5931, 31.2185,
25.5851

291.9472,
307.5437, 294.2798

■ 19.6765, 20.7653,
16.2905

■ 58.4091, 61.5839,
53.5807

■ 12.2670, 12.9525,
9.5734

■ 78.0393, 82.2649,
73.1188

■ 6.9993, 7.3959,
5.0152

■ 101.6380,
107.1239, 96.9085

■ 3.5080, 3.7109,
2.1973

129.5706,
136.5454, 125.3683

■ 1.4277, 1.5132,
0.6728

162.2024,
170.9137, 158.9168

■ 0.2759, 0.2980,
0.0000

199.8989,

■ 0.0000, 0.0000,

210.6133, 197.9725

0.0000

243.0254,
256.0285, 242.9540

■ 29.5931, 31.2185,
25.5851

■ 29.5931, 31.2185,
25.5851

■ 27.8453, 29.3098,
20.1097

■ 31.5411, 33.2597,
31.9520

■ 26.2870, 27.5256,
15.4830

■ 33.6942, 35.4327,
39.2463

■ 24.9105, 25.8632,
11.6620

■ 36.0606, 37.7425,
47.5046

■ 23.7063, 24.3182,
8.5988

■ 38.6468, 40.1922,
56.7607

■ 22.6641, 22.8859,
6.2406

■ 41.4595, 42.7851,
67.0469

■ 21.7719, 21.5608,
4.5276

■ 44.5047, 45.5241,
78.3940

■ 21.0164, 20.3370,
3.3900

■ 47.7884, 48.4121,
90.8314

■ 20.3708, 19.2031,
2.6904

■ 50.8291, 51.2571,
101.8224

■ 20.2934, 19.0658,
2.6105

■ 51.8812, 53.3614,
102.1731

Harmonies

Analogous

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



31.2391, 31.2185, 26.5239



29.5931, 31.2185, 25.5851



28.0264, 31.2185, 26.7167

Triad

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



29.5931, 31.2185, 25.5851



27.0095, 31.2185, 39.0249



32.5887, 31.2185, 38.5957

Complementary

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



29.5931, 31.2185, 25.5851



24.7836, 25.7486, 36.9218

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.



31.3813, 31.2185, 42.4801



29.5931, 31.2185, 25.5851



28.1587, 31.2185, 42.7439

Square

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



29.5931, 31.2185, 25.5851



26.5699, 31.2185, 34.2190



29.7515, 31.2185, 44.0633



33.0072, 31.2185, 33.7653

Rectangle

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



29.5931, 31.2185, 25.5851



27.2272, 31.2185, 28.5608



29.7515, 31.2185, 44.0633



32.2595, 31.2185, 40.0707

Sweetspot

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



29.5939, 31.2199, 25.5858



58.2620, 61.4050, 61.3374



27.1404, 25.3033, 27.8801



12.7278, 13.4162, 13.2847



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.



29.5939, 31.2199, 25.5858



52.5258, 55.3845, 42.6183



29.9268, 33.6237, 26.0322



7.0021, 7.3842, 7.0419



15.8479, 14.9314, 2.0468



0.3183, 0.3369, 0.0482

Inverse Universe

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



24.7836, 25.7486, 36.9218



42.3465, 43.8076, 66.6103



24.4815, 23.7380, 36.5496



6.4389, 6.7435, 8.3689



5.8003, 3.6922, 26.3142



0.1382, 0.1350, 0.4820

Previews

White Background



This preview shows how the XYZ color 29.5931, 31.2185, 25.5851 looks on a white background.

Color Contrast Check

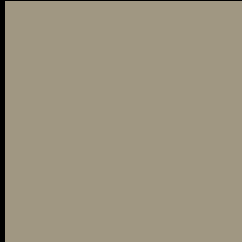
Large Text (above 18pt) WCAG AA × Fail

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 29.5931, 31.2185, 25.5851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

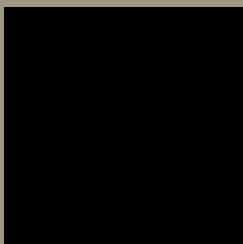
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

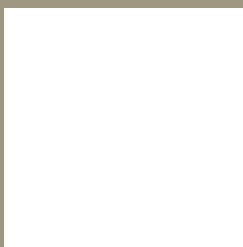
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5931, 31.2185, 25.5851

Background



This preview shows how black text looks on a background with the XYZ color 29.5931, 31.2185, 25.5851.



This preview shows how white text looks on a background with the XYZ color 29.5931, 31.2185,

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

29.5931, 31.2185, 25.5851

Protanopia

29.3939, 31.1159, 25.5758

Deuteranopia

31.8312, 31.1951, 25.8163



Tritanopia

31.9151, 31.2286, 36.6934

Trichromacy



Original Color

29.5931, 31.2185, 25.5851

Protanomaly

29.3939, 31.1159, 25.5758

Deuteranomaly

31.0488, 31.2535, 25.8688

Tritanomaly

31.0395, 31.1045, 32.3848

Monochromacy



Original Color

29.5931, 31.2185, 25.5851

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3510, 30.9864, 30.4206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5931, 31.2185, 25.5851 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(160, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(160, 151, 130)  
}
```

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(160, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 151, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.5931, 31.2185, 25.5851 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(160, 151, 130) }
```


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

```
.border{ border-color:rgb(160, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 151, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 151, 130);  
box-shadow:4px 4px 4px 4px rgb(160, 151,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5931, 31.2185, 25.5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 151, 130) }
```

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

```
.background{ background-color: rgb(160,  
151, 130) }
```

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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