

Converting Colors

XYZ(29.0002, 31.7236, 33.0286)

Have a look what the booklet for
XYZ(29.0002, 31.7236, 33.0286)
contains.

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Color

**XYZ(29.0002, 31.7236,
33.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	929B95
RGB	146, 155, 149
RGB Percent	57%, 61%, 58%
CMY	0.4274, 0.3921, 0.4157
CMYK	0.06, 0.00, 0.04, 0.39
HSL	140°, 4%, 59%
HSV	140°, 6%, 61%
XYZ	29.0002, 31.7236, 33.0286
YIQ	151.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

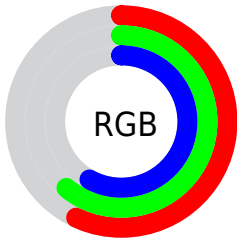
Format	Color
RYB	146, 153, 155
Decimal	9608085
CIELab	63.11, -4.40, 2.02
CIELCh	63, 4.842, 155.325
Yxy	31.7236, 0.3093, 0.3384
Android (android.graphics.Color)	4287798165 (0xFF929B95)
YUV	151.6250, -1.2941, -4.9331
Hunter-Lab	56.3237, -6.6596, 4.6585

Details

The XYZ color **29.0002, 31.7236, 33.0286** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4651, 29.7941, 33.9051**, and the grayscale version is **29.6907, 31.2369, 34.0170**.

A 20% lighter version of the original color is **57.3994, 62.1921, 65.4789**, and **11.9788, 13.2693, 13.4851** is the 20% darker color. If you saturate the color by 10%, you get **25.6407, 30.0838, 28.7539**, and if you desaturate by 10%, it is **32.8083, 33.5880, 37.7078**.

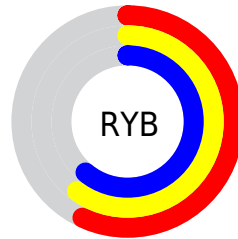
Distribution



Red (57%)

Green (61%)

Blue (58%)



Red (57%)

Yellow (60%)

Blue (61%)

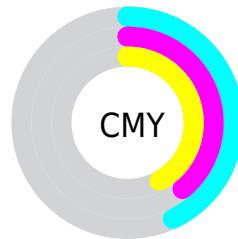


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (39%)



Cyan (43%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0002, 31.7236, 33.0286 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 29.0002, 31.7236, 33.0286 by changing the saturation by 10% instead.

■ 29.0002, 31.7236,
33.0286

■ 29.0002, 31.7236,
33.0286

289.2101,
309.8582, 330.4145

■ 19.2253, 21.1505,
21.8771

■ 57.4750, 62.3775,
65.5367

■ 11.9381, 13.2340,
13.5691

■ 76.9055, 83.2271,
87.7303

■ 6.7735, 7.5899,
7.6863

100.2853,
108.2710, 114.4418

■ 3.3659, 3.8337,
3.8100

127.9796,
137.8935, 146.0895

■ 1.3501, 1.5810,
1.5217

160.3539,
172.4791, 183.0921

■ 0.2202, 0.3447,
0.2340

197.7735,

■ 0.0000, 0.0000,

212.4122, 225.8681

0.0000

240.6038,
258.0771, 274.8361

■ 29.0002, 31.7236,
33.0286

■ 29.0002, 31.7236,
33.0286

■ 25.6407, 30.0838,
28.7539

■ 32.8083, 33.5880,
37.7078

■ 22.7104, 28.6560,
24.8711

■ 37.0783, 35.6810,
42.7998

■ 20.1922, 27.4327,
21.3696

■ 41.8263, 38.0115,
48.3152

■ 18.0669, 26.4043,
18.2378

■ 47.0665, 40.5867,
54.2634

■ 16.3138, 25.5601,
15.4634

■ 52.8128, 43.4136,
60.6537

■ 14.9101, 24.8888,
13.0336

■ 59.0786, 46.4988,
67.4952

■ 13.8305, 24.3775,
10.9346

■ 65.8765, 49.8486,
74.7964

■ 13.0458, 24.0117,
9.1517

■ 67.4817, 50.5118,
82.2974

■ 12.5169, 23.7713,
7.6687

■ 68.9909, 51.1155,
90.2443

Harmonies

Analogous

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



29.4158, 31.7236, 31.6265



29.0002, 31.7236, 33.0286



28.8915, 31.7236, 34.8841

Triad

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



29.0002, 31.7236, 33.0286



30.2717, 31.7236, 38.3351



31.2124, 31.7236, 32.4581

Complementary

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



29.0002, 31.7236, 33.0286



29.4651, 29.7941, 33.9051

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.



31.4494, 31.7236, 34.2014



29.0002, 31.7236, 33.0286



30.9011, 31.7236, 37.6306

Square

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



29.0002, 31.7236, 33.0286



29.6193, 31.7236, 37.9931



31.3346, 31.7236, 36.1001



30.6917, 31.7236, 31.3057

Rectangle

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



29.0002, 31.7236, 33.0286



29.0062, 31.7236, 36.1391



31.3346, 31.7236, 36.1001



31.3283, 31.7236, 32.9919

Sweetspot

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



29.0011, 31.7250, 33.0293



54.4095, 58.0232, 62.2210



29.8878, 32.2094, 31.8363



12.3338, 13.1423, 14.1063



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.



29.0011, 31.7250, 33.0293



51.0903, 56.4001, 58.0907



29.3552, 31.8666, 34.8938



6.3558, 7.0277, 7.2244



9.9225, 19.0325, 5.8127



0.1640, 0.2908, 0.1695

Inverse Universe

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



29.4651, 29.7941, 33.9051



52.1024, 52.1885, 60.0008



29.1150, 29.6541, 32.0618



6.4860, 6.4857, 7.4702



12.8558, 6.3966, 11.0316



0.2089, 0.1023, 0.2528

Previews

White Background



This preview shows how the XYZ color 29.0002, 31.7236, 33.0286 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 29.0002, 31.7236, 33.0286 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

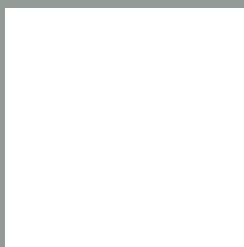
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0002, 31.7236, 33.0286

Background



This preview shows how black text looks on a background with the XYZ color 29.0002, 31.7236, 33.0286.



This preview shows how white text looks on a background with the XYZ color 29.0002, 31.7236,

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

29.0002, 31.7236, 33.0286

Protanopia

30.3993, 31.7312, 32.1263

Deuteranopia

32.2434, 31.7066, 33.2747



Tritanopia

30.5772, 31.8886, 40.1408

Trichromacy



Original Color

29.0002, 31.7236, 33.0286

Protanomaly

29.8734, 31.6929, 32.5598

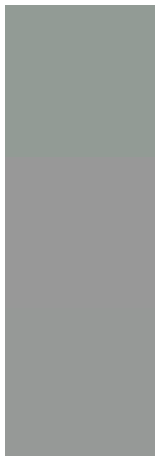
Deuteranomaly

31.0688, 31.8088, 33.3564

Tritanomaly

30.0264, 31.9103, 37.3776

Monochromacy



Original Color

29.0002, 31.7236, 33.0286

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.5548, 31.5009, 33.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0002, 31.7236, 33.0286 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(146, 155, 149) looks like.

```
.text, #text, p{  
    color:rgb(146, 155, 149)  
}
```

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(146, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 155, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.0002, 31.7236, 33.0286 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(146, 155, 149) }
```


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

```
.border{ border-color:rgb(146, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(146, 155,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0002, 31.7236, 33.0286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 155, 149) }
```

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

```
.background{ background-color: rgb(146,  
155, 149) }
```

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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