

Converting Colors

XYZ(26.3734, 29.8389, 31.2380)

Have a look what the booklet for
XYZ(26.3734, 29.8389, 31.2380)
contains.

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Color

**XYZ(26.3336, 29.8951,
31.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	869991
RGB	134, 153, 145
RGB Percent	53%, 60%, 57%
CMY	0.4745, 0.4000, 0.4314
CMYK	0.12, 0.00, 0.05, 0.40
HSL	155°, 9%, 56%
HSV	155°, 12%, 60%
XYZ	26.3336, 29.8951, 31.1705
YIQ	146.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

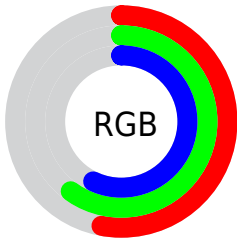
Format	Color
R_{YB}	134, 146, 153
Decimal	8821137
CIE Lab	61.56, -8.37, 1.92
CIE LCh	62, 8.586, 167.095
Yxy	29.8951, 0.3013, 0.3421
Android (android.graphics.Color)	4287011217 (0xFF869991)
YUV	146.4070, -0.6937, -10.8809
Hunter-Lab	54.6764, -9.7134, 4.4728

Details

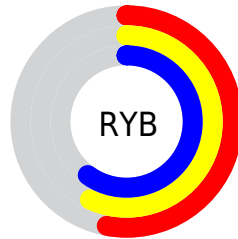
The XYZ color **26.3336, 29.8951, 31.1705** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5455, 25.7763, 29.1688**, and the grayscale version is **27.4947, 28.9266, 31.5010**.

A 20% lighter version of the original color is **53.1151, 59.3140, 62.6821**, and **10.4731, 12.2138, 12.6320** is the 20% darker color. If you saturate the color by 10%, you get **23.5865, 28.5355, 28.5219**, and if you desaturate by 10%, it is **29.4634, 31.4504, 33.9854**.

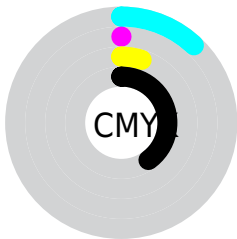
Distribution



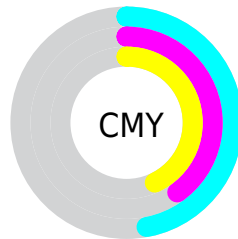
- Red (53%)
- Green (60%)
- Blue (57%)



- Red (53%)
- Yellow (57%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3336, 29.8951, 31.1705 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 26.3336, 29.8951, 31.1705 by changing the saturation by 10% instead.

■ 26.3336, 29.8951,
31.1705

■ 26.3336, 29.8951,
31.1705

276.6426,
301.4152, 321.6985

■ 17.2074, 19.7590,
20.4692

■ 53.2401, 59.4962,
62.5911

■ 10.4787, 12.2200,
12.5491

■ 71.7511, 79.7301,
84.1475

■ 5.7822, 6.8937,
6.9917

■ 94.1210, 104.0986,
110.1593

■ 2.7525, 3.3957,
3.3786

120.7153,
132.9861, 141.0450

■ 1.0243, 1.3416,
1.2910

151.8992,
166.7772, 177.2233

■ 0.0000, 0.1731,
0.0544

188.0382,

■ 0.0000, 0.0000,

205.8561, 219.1126

0.0000

229.4976,
250.6073, 267.1315

■ 26.3336, 29.8951,
31.1705

■ 26.3336, 29.8951,
31.1705

■ 23.5865, 28.5355,
28.5219

■ 29.4634, 31.4504,
33.9854

■ 21.2041, 27.3599,
26.0344

■ 32.9881, 33.2050,
36.9677

■ 19.1705, 26.3610,
23.7055

■ 36.9222, 35.1674,
40.1209

■ 17.4678, 25.5296,
21.5318

■ 41.2791, 37.3443,
43.4479

■ 16.0763, 24.8556,
19.5097

■ 46.0711, 39.7421,
46.9515

■ 14.9741, 24.3277,
17.6355

■ 51.3104, 42.3670,
50.6345

■ 14.1364, 23.9333,
15.9053

■ 57.0085, 45.2248,
54.4994

■ 13.5338, 23.6572,
14.3149

■ 62.6580, 48.0540,
58.5247

■ 13.1770, 23.4976,
13.1979

■ 63.4101, 48.3549,
62.4854

Harmonies

Analogous

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



26.8409, 29.8951, 28.4665



26.3336, 29.8951, 31.1705



26.3730, 29.8951, 34.4286

Triad

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



26.3336, 29.8951, 31.1705



29.0627, 29.8951, 38.9182



29.9309, 29.8951, 28.1711

Complementary

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



26.3336, 29.8951, 31.1705



26.5455, 25.7763, 29.1688

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.



30.5585, 29.8951, 30.7424



26.3336, 29.8951, 31.1705



30.0482, 29.8951, 37.0080

Square

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



26.3336, 29.8951, 31.1705



27.9283, 29.8951, 39.0520



30.6020, 29.8951, 33.9710



28.9061, 29.8951, 26.8142

Rectangle

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



26.3336, 29.8951, 31.1705



26.7038, 29.8951, 36.4802



30.6020, 29.8951, 33.9710



30.1965, 29.8951, 28.9140

Sweetspot

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



26.3344, 29.8964, 31.1712



51.7848, 55.8350, 60.0040



26.8907, 30.2765, 26.9814



11.3441, 12.2839, 13.1696



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.3344, 29.8964, 31.1712



45.6752, 52.8025, 54.4264



26.7673, 29.7395, 34.4679



6.2745, 6.9825, 7.3689



10.9069, 19.4262, 10.9964



0.1812, 0.2977, 0.2599

Inverse Universe

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



26.5455, 25.7763, 29.1688



46.1319, 43.8906, 50.0956



26.1421, 25.8968, 26.1755



6.3113, 6.2637, 7.0195



11.6484, 5.9136, 4.6736



0.1917, 0.0954, 0.1625

Previews

White Background



This preview shows how the XYZ color 26.3336, 29.8951, 31.1705 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3336, 29.8951, 31.1705 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 × Fail

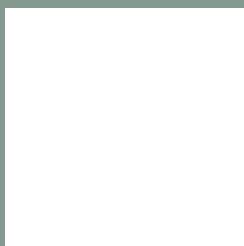
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3336, 29.8951, 31.1705

Background



This preview shows how black text looks on a background with the XYZ color 26.3336, 29.8951, 31.1705.



This preview shows how white text looks on a background with the XYZ color 26.3336, 29.8951,

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

26.3336, 29.8951, 31.1705

Protanopia

28.6093, 29.9051, 29.8556

Deuteranopia

30.3440, 29.8396, 31.7641



Tritanopia

27.7445, 29.7397, 38.4605

Trichromacy



Original Color

26.3336, 29.8951, 31.1705

Protanomaly

27.7183, 29.9069, 30.2983

Deuteranomaly

28.5709, 29.6182, 31.4052

Tritanomaly

27.2207, 29.7678, 35.7636

Monochromacy



Original Color

26.3336, 29.8951, 31.1705

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0911, 29.3210, 31.4258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3336, 29.8951, 31.1705 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(134, 153, 145)` looks like.

```
.text, #text, p{  
    color:rgb(134, 153, 145)  
}
```

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(134, 153, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.3336, 29.8951, 31.1705 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(134, 153, 145) }
```


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

```
.border{ border-color:rgb(134, 153, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 153, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 145);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3336, 29.8951, 31.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 145) }
```

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

```
.background{ background-color: rgb(134,  
153, 145) }
```

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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