

Converting Colors

XYZ(31.5318, 26.4578, 26.0626)

Have a look what the booklet for
XYZ(31.5318, 26.4578, 26.0626)
contains.

XYZ(31.5183, 26.4508, 25.9986)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.5183, 26.4508,
25.9986)**

Conversions

Conversions Part 1

Format	Color
Hex	B97C86
RGB	185, 124, 134
RGB Percent	73%, 49%, 53%
CMY	0.2745, 0.5137, 0.4745
CMYK	0.00, 0.33, 0.28, 0.27
HSL	350°, 30%, 61%
HSV	350°, 33%, 73%
XYZ	31.5183, 26.4508, 25.9986
YIQ	143.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

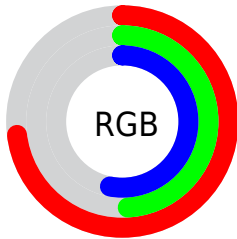
Format	Color
R_{YB}	185, 124, 134
Decimal	12156038
CIE _{Lab}	58.46, 25.12, 4.31
CIE _{LCh}	58, 25.489, 9.726
Yxy	26.4508, 0.3754, 0.3150
Android (android.graphics.Color)	4290346118 (0xFFB97C86)
YUV	143.3790, -4.6238, 36.5016
Hunter-Lab	51.4303, 19.3879, 6.0295

Details

The XYZ color **31.5183, 26.4508, 25.9986** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.4001, 42.0788, 46.9211**, and the grayscale version is **26.2692, 27.6372, 30.0969**.

A 20% lighter version of the original color is **61.3097, 53.9094, 54.1879**, and **13.2944, 10.2993, 9.8816** is the 20% darker color. If you saturate the color by 10%, you get **28.4125, 21.8413, 20.0243**, and if you desaturate by 10%, it is **35.2183, 31.9958, 32.9501**.

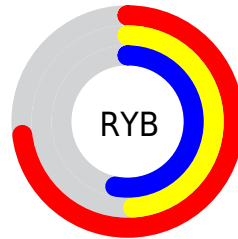
Distribution



Red (73%)

Green (49%)

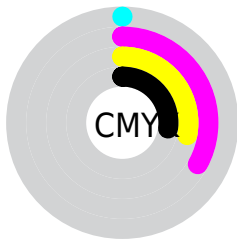
Blue (53%)



Red (73%)

Yellow (49%)

Blue (53%)

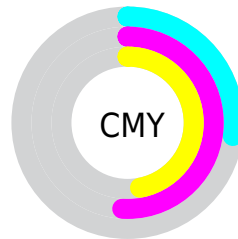


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5183, 26.4508, 25.9986 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 31.5183, 26.4508, 25.9986 by changing the saturation by 10% instead.


 31.5183, 26.4508,
25.9986


 31.5183, 26.4508,
25.9986


300.7035,
284.9881, 296.3805


 21.1476, 17.1612,
16.5968


 61.4255, 54.0013,
54.2567

 13.3450, 10.3495,
9.7886


 81.6927, 73.0310,
73.9502

 7.7452, 5.6313,
5.1552


 105.9894, 96.0762,
97.9113

 3.9828, 2.6222,
2.2783

134.6810,
123.5212, 126.5586

 1.6924, 0.9378,
0.7190

168.1329,
155.7505, 160.3106

 0.4515, 0.0000,
0.0000

206.7103,

 0.0000, 0.0000,

193.1485, 199.5859

0.0000

250.7787,
236.0996, 244.8030

■ 31.5183, 26.4508,
25.9986

■ 31.5183, 26.4508,
25.9986

■ 28.4125, 21.8413,
20.0243

■ 35.2183, 31.9958,
32.9501

■ 25.8676, 18.1120,
14.9816

■ 39.5392, 38.5200,
40.9185

■ 23.8502, 15.2078,
10.8235


■ 44.5087, 46.0691,
49.9432


■ 22.3223, 13.0655,
7.4982


■ 50.1522, 54.6844,
60.0610


■ 21.2410, 11.6129,
4.9486


■ 56.4938, 64.4054,
71.3068

 20.5552, 10.7637,
3.1097

 63.5562, 75.2693,
83.7142

 20.2461, 10.4097,
2.1919

 71.3613, 87.3116,
97.3151

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



31.1881, 26.4508, 35.1626



31.5183, 26.4508, 25.9986



30.0344, 26.4508, 19.1694

Triad

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



31.5183, 26.4508, 25.9986



21.5037, 26.4508, 17.5194



23.1219, 26.4508, 48.0741

Complementary

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



31.5183, 26.4508, 25.9986



33.4001, 42.0788, 46.9211

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.



20.8097, 26.4508, 41.2136



31.5183, 26.4508, 25.9986



19.9303, 26.4508, 23.2561

Square

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



31.5183, 26.4508, 25.9986



24.1423, 26.4508, 14.9859



19.6872, 26.4508, 31.7966



26.1662, 26.4508, 49.2317

Rectangle

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



31.5183, 26.4508, 25.9986



28.2827, 26.4508, 16.3810



19.6872, 26.4508, 31.7966



22.2404, 26.4508, 46.3000

Sweetspot

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



31.5190, 26.4521, 25.9991



73.1932, 72.5955, 77.6278



33.6072, 27.0141, 49.3420



15.5218, 15.2601, 16.2660



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.5190, 26.4521, 25.9991



52.0838, 40.8866, 38.1908



33.6703, 31.8183, 23.4373



9.0631, 9.0356, 9.6795



13.8042, 7.0954, 1.5898



0.5054, 0.2577, 0.1551

Inverse Universe

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



31.5190, 26.4521, 25.9991



52.0838, 40.8866, 38.1908



30.4652, 34.5790, 50.9678



9.0631, 9.0356, 9.6795



13.8042, 7.0954, 1.5898



0.5054, 0.2577, 0.1551

Previews

White Background



This preview shows how the XYZ color 31.5183, 26.4508, 25.9986 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 31.5183, 26.4508, 25.9986 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 31.5183, 26.4508, 25.9986

Background



This preview shows how black text looks on a background with the XYZ color 31.5183, 26.4508, 25.9986.



This preview shows how white text looks on a background with the XYZ color 31.5183, 26.4508,

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

31.5183, 26.4508, 25.9986

Protanopia

25.6637, 26.5790, 29.7642

Deuteranopia

27.0696, 26.5434, 25.5265



Tritanopia

31.4489, 26.4230, 25.6329

Trichromacy



Original Color

31.5183, 26.4508, 25.9986

Protanomaly

27.3593, 26.2127, 28.4285

Deuteranomaly

28.6334, 26.5208, 25.8002

Tritanomaly

31.4489, 26.4230, 25.6329

Monochromacy



Original Color

31.5183, 26.4508, 25.9986

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.6383, 26.7709, 28.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5183, 26.4508, 25.9986 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(185, 124, 134)` looks like.

```
.text, #text, p{  
    color:rgb(185, 124, 134)  
}
```

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(185, 124, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 124, 134) }
```

Border

The CSS property to change the border of an element to XYZ 31.5183, 26.4508, 25.9986 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(185, 124, 134) }
```


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

```
.border{ border-color:rgb(185, 124, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 124, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 124, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 124, 134);  
box-shadow:4px 4px 4px 4px rgb(185, 124,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5183, 26.4508, 25.9986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 124, 134) }
```

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

```
.background{ background-color: rgb(185,  
124, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor