

Converting Colors

XYZ(31.1508, 26.6863, 29.3710)

Have a look what the booklet for
XYZ(31.1508, 26.6863, 29.3710)
contains.

XYZ(31.1377, 26.7456, 29.5079)	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(31.1377, 26.7456,
29.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	B37F8F
RGB	179, 127, 143
RGB Percent	70%, 50%, 56%
CMY	0.2980, 0.5019, 0.4392
CMYK	0.00, 0.29, 0.20, 0.30
HSL	342°, 25%, 60%
HSV	342°, 29%, 70%
XYZ	31.1377, 26.7456, 29.5079
YIQ	144.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

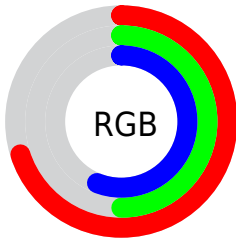
Format	Color
R_{YB}	179, 127, 143
Decimal	11763599
CIE Lab	58.74, 22.54, -0.57
CIE LCh	59, 22.543, 358.557
Yxy	26.7456, 0.3563, 0.3060
Android (android.graphics.Color)	4289953679 (0xFFB37F8F)
YUV	144.3720, -0.6764, 30.3688
Hunter-Lab	51.7161, 16.9695, 2.3720

Details

The XYZ color **31.1377, 26.7456, 29.5079** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.4845, 39.3972, 40.5972**, and the grayscale version is **26.6552, 28.0434, 30.5392**.

A 20% lighter version of the original color is **60.9914, 54.5066, 60.1296**, and **13.0871, 10.4580, 11.6848** is the 20% darker color. If you saturate the color by 10%, you get **28.1405, 22.1714, 24.1300**, and if you desaturate by 10%, it is **34.6509, 32.1852, 35.5702**.

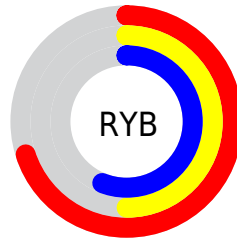
Distribution



Red (70%)

Green (50%)

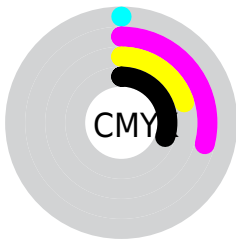
Blue (56%)



Red (70%)

Yellow (50%)

Blue (56%)

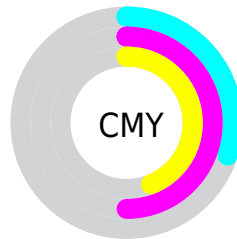


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (50%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1377, 26.7456, 29.5079 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 31.1377, 26.7456, 29.5079 by changing the saturation by 10% instead.


 31.1377, 26.7456,
29.5079

 31.1377, 26.7456,
29.5079


298.9878,
286.4232, 313.7395


 20.8561, 17.3823,
19.2165


 60.8312, 54.4754,
59.9349

 13.1307, 10.5074,
11.6484

 80.9737, 73.6106,
80.9075

 7.5962, 5.7367,
6.3851


 105.1339, 96.7719,
106.2776

 3.8873, 2.6856,
3.0081

133.6772,
124.3436, 136.4638

 1.6386, 0.9699,
1.0988

166.9689,
156.7102, 171.8845

 0.4174, 0.0000,
0.0000

205.3743,

 0.0000, 0.0000,

194.2561, 212.9583

0.0000

249.2588,
237.3657, 260.1038

■ 31.1377, 26.7456,
29.5079

■ 31.1377, 26.7456,
29.5079

■ 28.1405, 22.1714,
24.1300

■ 34.6509, 32.1852,
35.5702

■ 25.6319, 18.4140,
19.4098

■ 38.7011, 38.5280,
42.3388

■ 23.5853, 15.4258,
15.3215


■ 43.3110, 45.8141,
49.8366


■ 21.9708, 13.1526,
11.8364


■ 48.5012, 54.0801,
58.0851


■ 20.7544, 11.5331,
8.9238


■ 54.2913, 63.3606,
67.1048


 19.8968, 10.4955,
6.5493


 60.6999, 73.6886,
76.9153

 19.3289, 9.9087,
4.6672

 67.7449, 85.0954,
87.5355

 19.2818, 9.8603,
4.5101

 70.3995, 87.5233,
97.3026

 72.3264, 88.2941,
107.4496

Harmonies

Analogous

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



30.2511, 26.7456, 37.8437



31.1377, 26.7456, 29.5079



30.4022, 26.7456, 22.4092

Triad

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



31.1377, 26.7456, 29.5079



22.9542, 26.7456, 17.6543



22.7375, 26.7456, 44.2038

Complementary

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



31.1377, 26.7456, 29.5079



31.4845, 39.3972, 40.5972

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.



21.0157, 26.7456, 37.0556



31.1377, 26.7456, 29.5079



21.1343, 26.7456, 21.8542

Square

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



31.1377, 26.7456, 29.5079



25.5555, 26.7456, 16.3589



20.4505, 26.7456, 28.7383



25.2868, 26.7456, 47.2280

Rectangle

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



31.1377, 26.7456, 29.5079



29.1191, 26.7456, 19.1013



20.4505, 26.7456, 28.7383



22.0498, 26.7456, 42.1464

Sweetspot

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



31.1385, 26.7468, 29.5084



69.2317, 68.8755, 75.6945



30.7359, 26.1721, 46.0799



15.0932, 14.8740, 16.3653



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.1385, 26.7468, 29.5084



52.1532, 42.3709, 46.4101



31.3016, 28.8761, 24.0041



8.6004, 8.5469, 9.3944



13.6514, 6.9781, 3.3242



0.4563, 0.2303, 0.2457

Inverse Universe

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



31.1385, 26.7468, 29.5084



52.1532, 42.3709, 46.4101



31.1650, 36.3174, 48.0155



8.6004, 8.5469, 9.3944



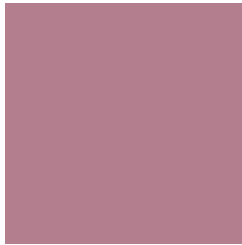
13.6514, 6.9781, 3.3242



0.4563, 0.2303, 0.2457

Previews

White Background



This preview shows how the XYZ color 31.1377, 26.7456, 29.5079 looks on a white background.

Color Contrast Check

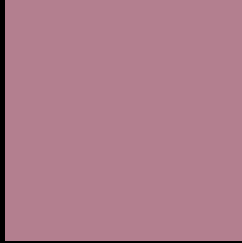
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1377, 26.7456, 29.5079 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 31.1377, 26.7456, 29.5079

Background



This preview shows how black text looks on a background with the XYZ color 31.1377, 26.7456, 29.5079.



This preview shows how white text looks on a background with the XYZ color 31.1377, 26.7456,

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

31.1377, 26.7456, 29.5079

Protanopia

26.0953, 26.9468, 33.1040

Deuteranopia

27.2709, 26.7830, 28.9316



Tritanopia

30.6667, 26.7383, 27.5895

Trichromacy



Original Color

31.1377, 26.7456, 29.5079

Protanomaly

27.6670, 26.7150, 31.7153

Deuteranomaly

28.5799, 26.6206, 29.2231

Tritanomaly

30.8129, 26.7968, 28.3592

Monochromacy



Original Color

31.1377, 26.7456, 29.5079

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0271, 27.3587, 30.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1377, 26.7456, 29.5079 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(179, 127, 143)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 143)  
}
```

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(179, 127, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.1377, 26.7456, 29.5079 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(179, 127, 143) }
```


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

```
.border{ border-color:rgb(179, 127, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 127, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 127, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 127, 143);  
box-shadow:4px 4px 4px 4px rgb(179, 127,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1377, 26.7456, 29.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 143) }
```

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

```
.background{ background-color: rgb(179,  
127, 143) }
```

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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