

Converting Colors

XYZ(23.4004, 26.1866, 31.7967)

Have a look what the booklet for
XYZ(23.4004, 26.1866, 31.7967)
contains.

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Color

**XYZ(23.4869, 26.2956,
31.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9094
RGB	123, 144, 148
RGB Percent	48%, 56%, 58%
CMY	0.5176, 0.4353, 0.4196
CMYK	0.17, 0.03, 0.00, 0.42
HSL	190°, 10%, 53%
HSV	190°, 17%, 58%
XYZ	23.4869, 26.2956, 31.8546
YIQ	138.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

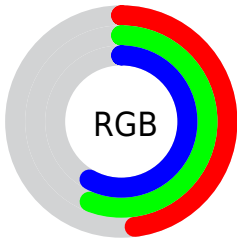
Format	Color
R_{YB}	123, 134, 148
Decimal	8097940
CIE _{Lab}	58.32, -6.57, -4.64
CIE _{LCh}	58, 8.041, 215.225
Yxy	26.2956, 0.2877, 0.3221
Android (android.graphics.Color)	4286288020 (0xFF7B9094)
YUV	138.1770, 4.8427, -13.3102
Hunter-Lab	51.2792, -7.9821, -0.9354

Details

The XYZ color **23.4869, 26.2956, 31.8546** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3774, 22.9045, 21.9282**, and the grayscale version is **24.2115, 25.4724, 27.7394**.

A 20% lighter version of the original color is **48.7592, 53.8825, 63.7076**, and **8.9844, 10.3243, 12.8285** is the 20% darker color. If you saturate the color by 10%, you get **21.1732, 24.5769, 31.6452**, and if you desaturate by 10%, it is **26.1298, 28.1965, 32.0826**.

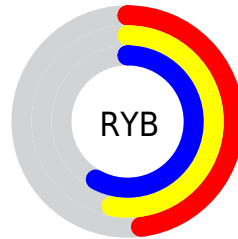
Distribution



Red (48%)

Green (56%)

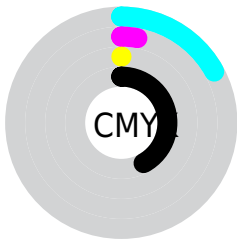
Blue (58%)



Red (48%)

Yellow (53%)

Blue (58%)

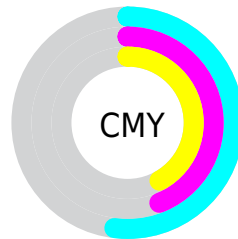


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4869, 26.2956, 31.8546 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 23.4869, 26.2956, 31.8546 by changing the saturation by 10% instead.

■ 23.4869, 26.2956,
31.8546

■ 23.4869, 26.2956,
31.8546

262.7049,
284.2302, 324.9287

■ 15.0761, 17.0449,
20.9866

■ 48.6524, 53.7514,
63.6783

■ 8.9595, 10.2665,
12.9230

■ 66.1378, 72.7254,
85.4711

■ 4.7717, 5.5760,
7.2455

■ 87.3788, 95.7092,
111.7426

■ 2.1473, 2.5890,
3.5353

112.7407,
123.0873, 142.9112

■ 0.7147, 0.9212,
1.3740

142.5889,
155.2440, 179.3956

■ 0.0000, 0.0000,
0.1214

177.2888,

■ 0.0000, 0.0000,

192.5638, 221.6143

0.0000

217.2057,
235.4311, 269.9858

■ 23.4869, 26.2956,
31.8546

■ 23.4869, 26.2956,
31.8546

■ 21.1732, 24.5769,
31.6452

■ 26.1298, 28.1965,
32.0826

■ 19.1720, 23.0298,
31.4521

■ 29.1129, 30.2834,
32.3282

■ 17.4686, 21.6472,
31.2750

■ 32.4499, 32.5639,
32.5925

■ 16.0462, 20.4204,
31.1132

■ 36.1527, 35.0444,
32.8761

■ 14.8863, 19.3398,
30.9657

■ 40.2328, 37.7308,
33.1796

■ 13.9682, 18.3946,
30.8317

■ 44.7012, 40.6289,
33.5035

■ 13.2677, 17.5724,
30.7099

■ 49.5683, 43.7440,
33.8483

■ 12.7454, 16.8528,
30.5985

■ 54.8443, 47.0816,
34.2144

■ 12.5950, 16.6374,
30.5649

■ 60.0953, 50.4180,
34.5816

Harmonies

Analogous

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



23.1652, 26.2956, 29.1252



23.4869, 26.2956, 31.8546



24.2127, 26.2956, 33.8101

Triad

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



23.4869, 26.2956, 31.8546



26.7414, 26.2956, 30.9503



24.8222, 26.2956, 23.5917

Complementary

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



23.4869, 26.2956, 31.8546



23.3774, 22.9045, 21.9282

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.



25.7903, 26.2956, 24.0106



23.4869, 26.2956, 31.8546



26.9149, 26.2956, 28.1433

Square

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



23.4869, 26.2956, 31.8546



26.0946, 26.2956, 33.2646



26.5625, 26.2956, 25.6334



23.9232, 26.2956, 24.4498

Rectangle

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



23.4869, 26.2956, 31.8546



24.8368, 26.2956, 34.3463



26.5625, 26.2956, 25.6334



25.1502, 26.2956, 23.5885

Sweetspot

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



23.4877, 26.2967, 31.8552



47.0022, 50.3858, 56.6827



22.5732, 26.9170, 23.9995



10.6560, 11.4500, 12.9333



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.4877, 26.2967, 31.8552



39.9453, 45.2987, 56.0728



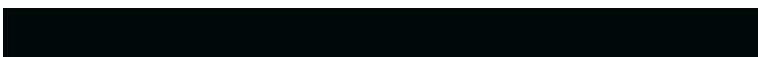
21.7315, 22.7843, 31.2698



5.8860, 6.4059, 7.3960



10.7744, 14.2435, 26.1124



0.1489, 0.2084, 0.3253

Inverse Universe

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



24.3303, 22.4759, 29.4428



41.7111, 37.3997, 50.9933



25.0571, 26.2641, 22.4881



5.9959, 5.8934, 7.0845



13.5655, 6.6312, 16.9907



0.1746, 0.0846, 0.2532

Previews

White Background



This preview shows how the XYZ color 23.4869, 26.2956, 31.8546 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 23.4869, 26.2956, 31.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

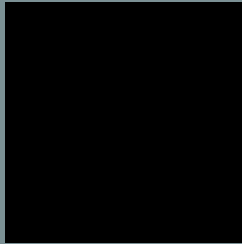
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

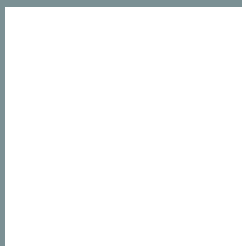
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4869, 26.2956, 31.8546

Background



This preview shows how black text looks on a background with the XYZ color 23.4869, 26.2956, 31.8546.



This preview shows how white text looks on a background with the XYZ color 23.4869, 26.2956,

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

23.4869, 26.2956, 31.8546

Protanopia

25.3280, 26.1723, 30.5049

Deuteranopia

26.7036, 26.1999, 32.5038



Tritanopia

23.9674, 26.2631, 34.3779

Trichromacy



Original Color

23.4869, 26.2956, 31.8546

Protanomaly

24.5447, 26.1934, 30.9563

Deuteranomaly

25.4727, 26.2106, 32.1504

Tritanomaly

23.8021, 26.1970, 33.5078

Monochromacy



Original Color

23.4869, 26.2956, 31.8546

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.9334, 25.6957, 29.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4869, 26.2956, 31.8546 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(123, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(123, 144, 148)  
}
```

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(123, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 144, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.4869, 26.2956, 31.8546 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(123, 144, 148) }
```


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

```
.border{ border-color:rgb(123, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(123, 144,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4869, 26.2956, 31.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 144, 148) }
```

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

```
.background{ background-color: rgb(123,  
144, 148) }
```

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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