

Converting Colors

XYZ(23.3996, 25.9531, 31.7099)

Have a look what the booklet for
XYZ(23.3996, 25.9531, 31.7099)
contains.

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Color

**XYZ(23.4799, 26.0681,
31.8111)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8F94
RGB	124, 143, 148
RGB Percent	49%, 56%, 58%
CMY	0.5137, 0.4392, 0.4196
CMYK	0.16, 0.03, 0.00, 0.42
HSL	192°, 10%, 53%
HSV	192°, 16%, 58%
XYZ	23.4799, 26.0681, 31.8111
YIQ	137.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

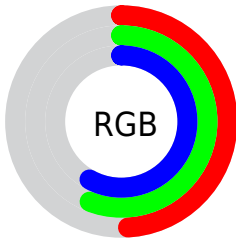
Format	Color
R_{YB}	124, 135, 148
Decimal	8163220
CIE _{Lab}	58.10, -5.67, -4.95
CIE _{LCh}	58, 7.528, 221.094
Yxy	26.0681, 0.2886, 0.3204
Android (android.graphics.Color)	4286353300 (0xFF7C8F94)
YUV	137.8890, 4.9847, -12.1807
Hunter-Lab	51.0569, -7.2616, -1.2009

Details

The XYZ color **23.4799, 26.0681, 31.8111** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7012, 23.4516, 22.3466**, and the grayscale version is **24.1009, 25.3560, 27.6127**.

A 20% lighter version of the original color is **48.7584, 53.5439, 63.6423**, and **8.9737, 10.1876, 12.8027** is the 20% darker color. If you saturate the color by 10%, you get **21.0434, 24.1352, 31.5669**, and if you desaturate by 10%, it is **26.2517, 28.1941, 32.0758**.

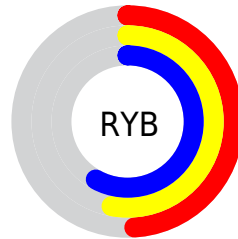
Distribution



Red (49%)

Green (56%)

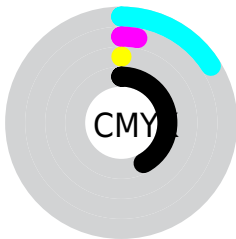
Blue (58%)



Red (49%)

Yellow (53%)

Blue (58%)

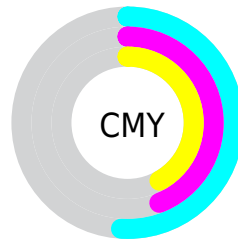


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4799, 26.0681, 31.8111 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 23.4799, 26.0681, 31.8111 by changing the saturation by 10% instead.

■ 23.4799, 26.0681,
31.8111

■ 23.4799, 26.0681,
31.8111

262.6699,
283.1162, 324.7240

■ 15.0709, 16.8746,
20.9536

■ 48.6410, 53.3848,
63.6093

■ 8.9558, 10.1451,
12.8992

■ 66.1238, 72.2768,
85.3871

■ 4.7692, 5.4953,
7.2293

■ 87.3620, 95.1703,
111.6421

■ 2.1459, 2.5407,
3.5253

112.7208,
122.4499, 142.7929

■ 0.7140, 0.8969,
1.3687

142.5656,
154.4999, 179.2579

■ 0.0000, 0.0000,
0.1171

177.2619,

■ 0.0000, 0.0000,

191.7047, 221.4557

0.0000

217.1748,
234.4487, 269.8049

■ 23.4799, 26.0681,
31.8111

■ 23.4799, 26.0681,
31.8111

■ 21.0434, 24.1352,
31.5669

■ 26.2517, 28.1941,
32.0758

■ 18.9255, 22.3846,
31.3406

■ 29.3700, 30.5170,
32.3598

■ 17.1116, 20.8093,
31.1321

■ 32.8482, 33.0446,
32.6644

■ 15.5849, 19.4005,
30.9407

■ 36.6984, 35.7834,
32.9901

■ 14.3269, 18.1485,
30.7653

■ 40.9321, 38.7392,
33.3375

■ 13.3171, 17.0426,
30.6051

■ 45.5602, 41.9180,
33.7071

■ 12.5316, 16.0702,
30.4588

■ 50.5933, 45.3253,
34.0995

■ 11.9348, 15.2129,
30.3247

■ 56.0414, 48.9665,
34.5152

■ 11.7277, 14.9027,
30.2758

■ 61.0996, 52.4266,
34.9164

Harmonies

Analogous

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



23.0972, 26.0681, 29.3601



23.4799, 26.0681, 31.8111



24.2136, 26.0681, 33.4001

Triad

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



23.4799, 26.0681, 31.8111



26.4716, 26.0681, 30.0408



24.4414, 26.0681, 23.7392

Complementary

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



23.4799, 26.0681, 31.8111



23.7012, 23.4516, 22.3466

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.



25.3490, 26.0681, 23.8966



23.4799, 26.0681, 31.8111



26.5363, 26.0681, 27.4292

Square

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



23.4799, 26.0681, 31.8111



25.9464, 26.0681, 32.3356



26.1209, 26.0681, 25.2118



23.6431, 26.0681, 24.7678

Rectangle

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



23.4799, 26.0681, 31.8111



24.8104, 26.0681, 33.7017



26.1209, 26.0681, 25.2118



24.7435, 26.0681, 23.6568

Sweetspot

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



23.4807, 26.0692, 31.8117



46.9025, 50.1862, 56.6495



22.8517, 27.0450, 24.7155



10.6304, 11.3989, 12.9247



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.



23.4807, 26.0692, 31.8117



40.0070, 44.8818, 55.9891



21.8011, 22.7100, 31.2518



5.8627, 6.3593, 7.3882



10.0370, 12.7687, 25.8666



0.1435, 0.1977, 0.3235

Inverse Universe

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



24.3789, 22.6949, 29.0835



41.8741, 37.9698, 50.2951



25.3467, 26.7424, 22.8951



5.9841, 5.8887, 7.0225



13.1933, 6.4824, 15.0307



0.1719, 0.0835, 0.2390

Previews

White Background



This preview shows how the XYZ color 23.4799, 26.0681, 31.8111 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 23.4799, 26.0681, 31.8111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

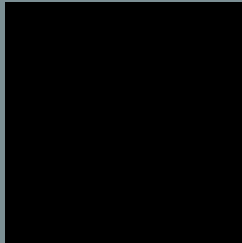
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

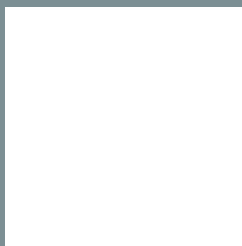
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4799, 26.0681, 31.8111

Background



This preview shows how black text looks on a background with the XYZ color 23.4799, 26.0681, 31.8111.



This preview shows how white text looks on a background with the XYZ color 23.4799, 26.0681,

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

23.4799, 26.0681, 31.8111

Protanopia

25.1587, 26.0850, 30.4970

Deuteranopia

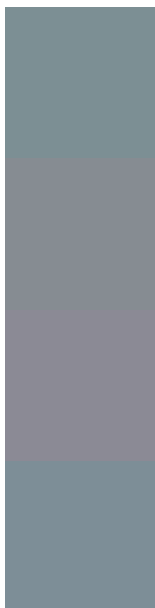
26.3817, 25.8259, 32.4486



Tritanopia

23.8802, 26.0059, 33.8980

Trichromacy



Original Color

23.4799, 26.0681, 31.8111

Protanomaly

24.3979, 25.8998, 30.9074

Deuteranomaly

25.1608, 25.8359, 32.0945

Tritanomaly

23.7164, 25.9403, 33.0352

Monochromacy



Original Color

23.4799, 26.0681, 31.8111

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 23.4799, 26.0681, 31.8111 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(124, 143, 148) looks like.

```
.text, #text, p{  
    color:rgb(124, 143, 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(124, 143, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 143, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.4799, 26.0681, 31.8111 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(124, 143, 148) }
```


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

```
.border{ border-color:rgb(124, 143, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 143, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 143, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 143, 148);  
box-shadow:4px 4px 4px 4px rgb(124, 143,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4799, 26.0681, 31.8111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 143, 148) }
```

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

```
.background{ background-color: rgb(124,  
143, 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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