

Converting Colors

XYZ(23.1948, 26.6937, 31.9059)

Have a look what the booklet for
XYZ(23.1948, 26.6937, 31.9059)
contains.

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Color

**XYZ(23.0954, 26.5474,
31.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	769294
RGB	118, 146, 148
RGB Percent	46%, 57%, 58%
CMY	0.5372, 0.4274, 0.4196
CMYK	0.20, 0.01, 0.00, 0.42
HSL	184°, 12%, 52%
HSV	184°, 20%, 58%
XYZ	23.0954, 26.5474, 31.9239
YIQ	137.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

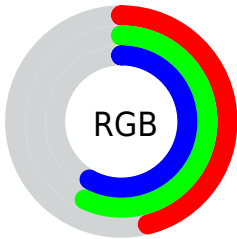
Format	Color
R_{YB}	118, 132, 148
Decimal	7770772
CIE _{Lab}	58.55, -9.34, -4.33
CIE _{LCh}	59, 10.295, 204.853
Yxy	26.5474, 0.2831, 0.3255
Android (android.graphics.Color)	4285960852 (0xFF769294)
YUV	137.8560, 5.0010, -17.4137
Hunter-Lab	51.5242, -10.1557, -0.6686

Details

The XYZ color **23.0954, 26.5474, 31.9239** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1995, 21.0370, 20.0306**, and the grayscale version is **24.0895, 25.3440, 27.5996**.

A 20% lighter version of the original color is **48.1095, 54.2307, 63.8091**, and **8.7041, 10.3127, 12.8411** is the 20% darker color. If you saturate the color by 10%, you get **21.0901, 25.2897, 31.7873**, and if you desaturate by 10%, it is **25.4190, 27.9725, 32.0769**.

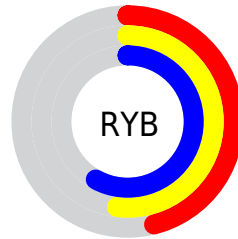
Distribution



Red (46%)

Green (57%)

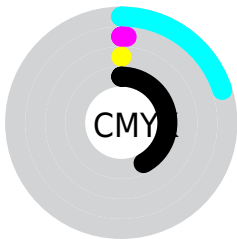
Blue (58%)



Red (46%)

Yellow (52%)

Blue (58%)

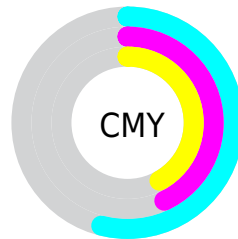


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0954, 26.5474, 31.9239 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 23.0954, 26.5474, 31.9239 by changing the saturation by 10% instead.

■ 23.0954, 26.5474,
31.9239

■ 23.0954, 26.5474,
31.9239

260.7408,
285.4590, 325.2545

■ 14.7850, 17.2336,
21.0390

■ 48.0154, 54.1567,
63.7883

■ 8.7540, 10.4012,
12.9610

■ 65.3558, 73.2210,
85.6049

■ 4.6369, 5.6658,
7.2713

■ 86.4369, 96.3043,
111.9025

■ 2.0684, 2.6429,
3.5513

111.6241,
123.7910, 143.0997

■ 0.6719, 0.9483,
1.3826

141.2828,
156.0654, 179.6149

■ 0.0000, 0.0000,
0.1281

175.7782,

■ 0.0000, 0.0000,

193.5119, 221.8668

0.0000

215.4757,
236.5150, 270.2738

■ 23.0954, 26.5474,
31.9239

■ 23.0954, 26.5474,
31.9239

■ 21.0901, 25.2897,
31.7873

■ 25.4190, 27.9725,
32.0769

■ 19.3860, 24.1885,
31.6645

■ 28.0722, 29.5688,
32.2452

■ 17.9681, 23.2368,
31.5556

■ 31.0687, 31.3441,
32.4299

■ 16.8191, 22.4256,
31.4595

■ 34.4207, 33.3045,
32.6317

■ 15.9199, 21.7452,
31.3756

■ 38.1399, 35.4563,
32.8510

■ 15.2487, 21.1842,
31.3027

■ 42.2373, 37.8049,
33.0884

■ 14.7802, 20.7296,
31.2396

■ 46.7235, 40.3560,
33.3443

■ 14.4544, 20.3561,
31.1847

■ 51.6087, 43.1148,
33.6193

■ 56.9028, 46.0863,
33.9139

Harmonies

Analogous

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



22.8935, 26.5474, 28.2870



23.0954, 26.5474, 31.9239



23.8621, 26.5474, 34.9645

Triad

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



23.0954, 26.5474, 31.9239



27.2678, 26.5474, 33.0909



25.4507, 26.5474, 22.5256

Complementary

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



23.0954, 26.5474, 31.9239



22.1995, 21.0370, 20.0306

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.



26.6545, 26.5474, 23.5905



23.0954, 26.5474, 31.9239



27.7256, 26.5474, 29.5332

Square

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



23.0954, 26.5474, 31.9239



26.2655, 26.5474, 35.6766



27.4975, 26.5474, 26.0838



24.2270, 26.5474, 23.0506

Rectangle

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



23.0954, 26.5474, 31.9239



24.6041, 26.5474, 36.1410



27.4975, 26.5474, 26.0838



25.8715, 26.5474, 22.7067

Sweetspot

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



23.0962, 26.5485, 31.9245



46.7204, 50.4866, 56.7170



21.4215, 26.3758, 21.5732



10.6047, 11.4885, 12.9434



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.



23.0962, 26.5485, 31.9245



39.1947, 45.8730, 56.2232



21.0007, 22.3575, 31.2260



5.9314, 6.4968, 7.4111



12.3540, 17.4027, 26.6390



0.1592, 0.2290, 0.3287

Inverse Universe

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



23.8801, 21.3287, 30.0535



40.8256, 35.1059, 52.3103



24.0776, 24.7932, 20.6567



6.0188, 5.9026, 7.2052



14.3628, 6.9502, 21.1893



0.1798, 0.0867, 0.2806

Previews

White Background



This preview shows how the XYZ color 23.0954, 26.5474, 31.9239 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 23.0954, 26.5474, 31.9239 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

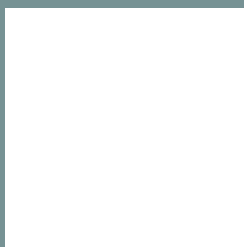
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0954, 26.5474, 31.9239

Background



This preview shows how black text looks on a background with the XYZ color 23.0954, 26.5474, 31.9239.



This preview shows how white text looks on a background with the XYZ color 23.0954, 26.5474,

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

23.0954, 26.5474, 31.9239

Protanopia

25.5675, 26.5206, 30.1570

Deuteranopia

26.8869, 26.2944, 32.5124



Tritanopia

23.8719, 26.6442, 35.3371

Trichromacy



Original Color

23.0954, 26.5474, 31.9239

Protanomaly

24.4567, 26.3769, 30.5903

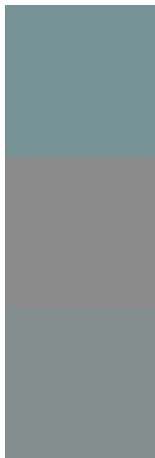
Deuteranomaly

25.2841, 26.3294, 32.1832

Tritanomaly

23.4829, 26.4726, 34.0090

Monochromacy



Original Color

23.0954, 26.5474, 31.9239

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7674, 25.8280, 29.3238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0954, 26.5474, 31.9239 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(118, 146, 148)` looks like.

```
.text, #text, p{  
    color:rgb(118, 146, 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(118, 146, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 146, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.0954, 26.5474, 31.9239 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(118, 146, 148) }
```


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

```
.border{ border-color:rgb(118, 146, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 146, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 146, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 146, 148);  
box-shadow:4px 4px 4px 4px rgb(118, 146,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0954, 26.5474, 31.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 146, 148) }
```

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

```
.background{ background-color: rgb(118,  
146, 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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