

Converting Colors

XYZ(23.9204, 26.0733, 31.7889)

Have a look what the booklet for
XYZ(23.9204, 26.0733, 31.7889)
contains.

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Color

**XYZ(23.9204, 26.0733,
31.7889)**

Conversions

Conversions Part 1

Format	Color
Hex	808E94
RGB	128, 142, 148
RGB Percent	50%, 56%, 58%
CMY	0.4980, 0.4431, 0.4196
CMYK	0.14, 0.04, 0.00, 0.42
HSL	198°, 9%, 54%
HSV	198°, 14%, 58%
XYZ	23.9204, 26.0733, 31.7889
YIQ	138.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

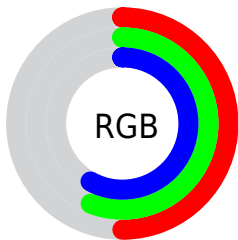
Format	Color
R_{YB}	128, 136, 148
Decimal	8425108
CIE _{Lab}	58.11, -3.75, -4.91
CIE _{LCh}	58, 6.174, 232.659
Yxy	26.0733, 0.2925, 0.3188
Android (android.graphics.Color)	4286615188 (0xFF808E94)
YUV	138.4980, 4.6845, -9.2067
Hunter-Lab	51.0620, -5.7388, -1.1679

Details

The XYZ color **23.9204, 26.0733, 31.7889** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6343, 24.9046, 23.9313**, and the grayscale version is **24.3339, 25.6011, 27.8796**.

A 20% lighter version of the original color is **49.4567, 53.5679, 63.6101**, and **9.2093, 10.1796, 12.7887** is the 20% darker color. If you saturate the color by 10%, you get **21.2075, 23.7145, 31.4770**, and if you desaturate by 10%, it is **26.9859, 28.6543, 32.1259**.

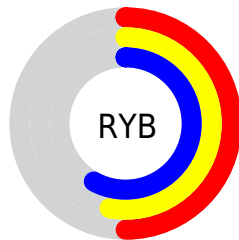
Distribution



Red (50%)

Green (56%)

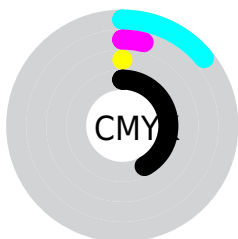
Blue (58%)



Red (50%)

Yellow (53%)

Blue (58%)

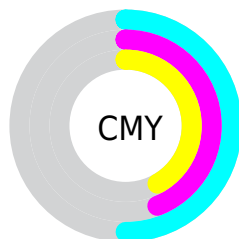


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (50%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9204, 26.0733, 31.7889 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 23.9204, 26.0733, 31.7889 by changing the saturation by 10% instead.

■ 23.9204, 26.0733,
31.7889

■ 23.9204, 26.0733,
31.7889

264.8657,
283.1417, 324.6195

■ 15.3990, 16.8785,
20.9368

■ 49.3559, 53.3932,
63.5741

■ 9.1880, 10.1479,
12.8870

■ 67.0007, 72.2870,
85.3442

■ 4.9221, 5.4971,
7.2210

■ 88.4174, 95.1827,
111.5908

■ 2.2359, 2.5418,
3.5202

113.9712,
122.4645, 142.7325

■ 0.7616, 0.8975,
1.3660

144.0276,
154.5169, 179.1876

■ 0.0000, 0.0000,
0.1150

178.9519,

■ 0.0000, 0.0000,

191.7244, 221.3748

0.0000

219.1095,
234.4712, 269.7126

■ 23.9204, 26.0733,
31.7889

■ 23.9204, 26.0733,
31.7889

■ 21.2075, 23.7145,
31.4770

■ 26.9859, 28.6543,
32.1259

■ 18.8306, 21.5667,
31.1877

■ 30.4151, 31.4617,
32.4871

■ 16.7751, 19.6228,
30.9208

■ 34.2215, 34.5034,
32.8736

■ 15.0244, 17.8738,
30.6755

■ 38.4172, 37.7861,
33.2860

■ 13.5604, 16.3097,
30.4508

■ 43.0137, 41.3162,
33.7252

■ 12.3629, 14.9197,
30.2456

■ 48.0220, 45.0998,
34.1915

■ 11.4088, 13.6915,
30.0588

■ 53.4528, 49.1428,
34.6856

■ 10.6706, 12.6103,
29.8890

■ 59.3162, 53.4508,
35.2081

■ 10.2570, 11.9614,
29.7856

■ 63.3033, 56.8339,
35.6510

Harmonies

Analogous

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



23.4792, 26.0733, 30.0047



23.9204, 26.0733, 31.7889



24.5987, 26.0733, 32.6702

Triad

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



23.9204, 26.0733, 31.7889



26.2347, 26.0733, 28.9185



24.2324, 26.0733, 24.7582

Complementary

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



23.9204, 26.0733, 31.7889



24.6343, 24.9046, 23.9313

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.



24.9660, 26.0733, 24.4999



23.9204, 26.0733, 31.7889



26.1318, 26.0733, 26.8331

Square

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



23.9204, 26.0733, 31.7889



25.9421, 26.0733, 30.9597



25.6638, 26.0733, 25.2413



23.6568, 26.0733, 25.9655

Rectangle

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



23.9204, 26.0733, 31.7889



25.0982, 26.0733, 32.5974



25.6638, 26.0733, 25.2413



24.4683, 26.0733, 24.5601

Sweetspot

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



23.9212, 26.0744, 31.7895



47.2911, 50.2898, 56.6490



23.7723, 27.4814, 26.4846



10.7047, 11.4045, 12.9219



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.



23.9212, 26.0744, 31.7895



40.8019, 44.7991, 55.9312



22.5444, 23.3209, 31.3306



5.8188, 6.2715, 7.3736



8.7855, 10.2658, 25.4495



0.1334, 0.1774, 0.3201

Inverse Universe

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



24.8150, 23.6878, 28.8567



42.6836, 39.8568, 49.7389



26.0323, 27.7006, 24.3973



5.9620, 5.8799, 6.9059



12.5616, 6.2297, 11.7042



0.1668, 0.0815, 0.2120

Previews

White Background



This preview shows how the XYZ color 23.9204, 26.0733, 31.7889 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 23.9204, 26.0733, 31.7889 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

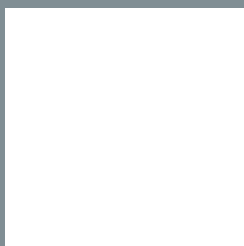
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9204, 26.0733, 31.7889

Background



This preview shows how black text looks on a background with the XYZ color 23.9204, 26.0733, 31.7889.



This preview shows how white text looks on a background with the XYZ color 23.9204, 26.0733,

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

23.9204, 26.0733, 31.7889

Protanopia

25.2361, 26.1160, 30.9049

Deuteranopia

26.3015, 25.7938, 32.0262



Tritanopia

24.3279, 26.0168, 33.8765

Trichromacy



Original Color

23.9204, 26.0733, 31.7889

Protanomaly

24.7979, 26.0970, 31.3340

Deuteranomaly

25.4978, 26.0096, 32.1102

Tritanomaly

24.1641, 25.9512, 33.0137

Monochromacy



Original Color

23.9204, 26.0733, 31.7889

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2522, 25.8601, 29.3044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9204, 26.0733, 31.7889 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(128, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(128, 142, 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(128, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 142, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.9204, 26.0733, 31.7889 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(128, 142, 148) }
```


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

```
.border{ border-color:rgb(128, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(128, 142,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9204, 26.0733, 31.7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 142, 148) }
```

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

```
.background{ background-color: rgb(128,  
142, 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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