

Converting Colors

XYZ(23.7887, 26.2146, 33.5734)

Have a look what the booklet for
XYZ(23.7887, 26.2146, 33.5734)
contains.

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Color

**XYZ(23.8021, 26.1970,
33.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8F98
RGB	124, 143, 152
RGB Percent	49%, 56%, 60%
CMY	0.5137, 0.4392, 0.4039
CMYK	0.18, 0.06, 0.00, 0.40
HSL	199°, 12%, 54%
HSV	199°, 18%, 60%
XYZ	23.8021, 26.1970, 33.5078
YIQ	138.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

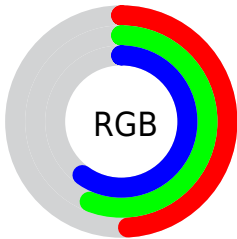
Format	Color
RYB	124, 135, 152
Decimal	8163224
CIELab	58.22, -4.77, -7.06
CIElCh	58, 8.518, 235.939
Yxy	26.1970, 0.2850, 0.3137
Android (android.graphics.Color)	4286353304 (0xFF7C8F98)
YUV	138.3450, 6.7319, -12.5806
Hunter-Lab	51.1830, -6.5608, -2.9871

Details

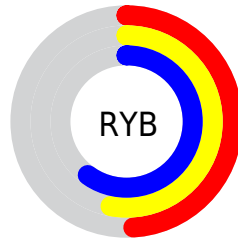
The XYZ color **23.8021, 26.1970, 33.5078** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9747, 24.9056, 22.5602**, and the grayscale version is **24.2688, 25.5327, 27.8051**.

A 20% lighter version of the original color is **49.2383, 53.7358, 66.1694**, and **9.1650, 10.2641, 13.8101** is the 20% darker color. If you saturate the color by 10%, you get **21.0553, 23.7166, 33.1742**, and if you desaturate by 10%, it is **26.9210, 28.9180, 33.8690**.

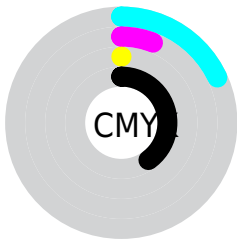
Distribution



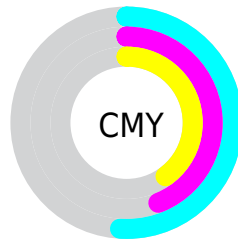
- Red (49%)
- Green (56%)
- Blue (60%)



- Red (49%)
- Yellow (53%)
- Blue (60%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (51%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8021, 26.1970, 33.5078 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 23.8021, 26.1970, 33.5078 by changing the saturation by 10% instead.

■ 23.8021, 26.1970,
33.5078

■ 23.8021, 26.1970,
33.5078

264.2775,
283.7478, 332.6337

■ 15.3108, 16.9711,
22.2414

■ 49.1641, 53.5926,
66.2926

■ 9.1256, 10.2139,
13.8344

■ 66.7655, 72.5310,
88.6482

■ 4.8809, 5.5410,
7.8681

■ 88.1344, 95.4758,
115.5373

■ 2.2116, 2.5680,
3.9241

113.6360,
122.8112, 147.3783

■ 0.7488, 0.9106,
1.5838

143.6358,
154.9218, 184.5900

■ 0.0000, 0.0000,
0.2792

178.4991,

■ 0.0000, 0.0000,

192.1918, 227.5907

0.0000

218.5912,
235.0056, 276.7991

■ 23.8021, 26.1970,
33.5078

■ 23.8021, 26.1970,
33.5078

■ 21.0553, 23.7166,
33.1742

■ 26.9210, 28.9180,
33.8690

■ 18.6625, 21.4648,
32.8657

■ 30.4246, 31.8846,
34.2570

■ 16.6072, 19.4333,
32.5819

■ 34.3276, 35.1056,
34.6730

■ 14.8711, 17.6119,
32.3218

■ 38.6433, 38.5886,
35.1178

■ 13.4335, 15.9893,
32.0844

■ 43.3844, 42.3405,
35.5921

■ 12.2714, 14.5531,
31.8685

■ 48.5630, 46.3682,
36.0966

■ 11.3581, 13.2887,
31.6725

■ 54.1907, 50.6782,
36.6319

■ 10.6405, 12.1683,
31.4941

■ 60.2786, 55.2767,
37.1987

■ 10.5332, 11.9983,
31.4669

■ 64.6704, 59.0528,
37.6960

Harmonies

Analogous

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



23.1535, 26.1970, 31.0888



23.8021, 26.1970, 33.5078



24.7589, 26.1970, 34.5912

Triad

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



23.8021, 26.1970, 33.5078



26.9365, 26.1970, 28.9293



24.0396, 26.1970, 23.7025

Complementary

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



23.8021, 26.1970, 33.5078



24.9747, 24.9056, 22.5602

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.



25.0406, 26.1970, 23.2114



23.8021, 26.1970, 33.5078



26.7311, 26.1970, 26.1044

Square

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



23.8021, 26.1970, 33.5078



26.5837, 26.1970, 31.8346



26.0300, 26.1970, 24.0608



23.2879, 26.1970, 25.4514

Rectangle

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



23.8021, 26.1970, 33.5078



25.4496, 26.1970, 34.3590



26.0300, 26.1970, 24.0608



24.3573, 26.1970, 23.3902

Sweetspot

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



23.8029, 26.1981, 33.5084



48.8812, 52.2097, 59.9348



23.7653, 28.4318, 26.3778



11.0307, 11.7988, 13.6135



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.8029, 26.1981, 33.5084



39.9935, 44.4368, 58.9029



21.8479, 22.2882, 32.8567



6.2171, 6.6916, 7.8929



8.8605, 10.1177, 26.3936



0.1650, 0.2163, 0.4054

Inverse Universe

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



25.1151, 23.0744, 29.1179



42.7644, 38.0121, 49.5933



27.0004, 28.9571, 23.2354



6.3767, 6.2898, 7.3639



12.9311, 6.4267, 11.4283



0.2097, 0.1026, 0.2572

Previews

White Background



This preview shows how the XYZ color 23.8021, 26.1970, 33.5078 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 23.8021, 26.1970, 33.5078 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

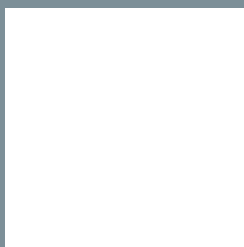
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8021, 26.1970, 33.5078

Background



This preview shows how black text looks on a background with the XYZ color 23.8021, 26.1970, 33.5078.



This preview shows how white text looks on a background with the XYZ color 23.8021, 26.1970,

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

23.8021, 26.1970, 33.5078

Protanopia

25.3049, 26.1241, 32.1425

Deuteranopia

26.5866, 26.1113, 33.7757



Tritanopia

23.9674, 26.2631, 34.3779

Trichromacy



Original Color

23.8021, 26.1970, 33.5078

Protanomaly

24.7146, 26.0265, 32.5752

Deuteranomaly

25.6298, 26.2541, 33.8537

Tritanomaly

23.8844, 26.2299, 33.9410

Monochromacy



Original Color

23.8021, 26.1970, 33.5078

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0089, 25.7259, 29.6868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8021, 26.1970, 33.5078 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(124, 143, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 143, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.8021, 26.1970, 33.5078 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, 152) }
```


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

```
.border{ border-color:rgb(124, 143, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(124, 143,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8021, 26.1970, 33.5078 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, 152) }
```

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

```
.background{ background-color: rgb(124,  
143, 152) }
```

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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