

Converting Colors

XYZ(23.8562, 26.7420, 33.7135)

Have a look what the booklet for
XYZ(23.8562, 26.7420, 33.7135)
contains.

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Color

**XYZ(23.8189, 26.6554,
33.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9198
RGB	122, 145, 152
RGB Percent	48%, 57%, 60%
CMY	0.5216, 0.4314, 0.4039
CMYK	0.20, 0.05, 0.00, 0.40
HSL	194°, 13%, 54%
HSV	194°, 20%, 60%
XYZ	23.8189, 26.6554, 33.5954
YIQ	138.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

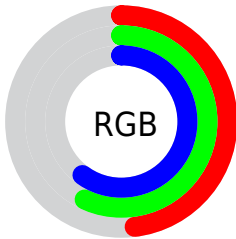
Format	Color
R_{YB}	122, 135, 152
Decimal	8032664
CIE _{Lab}	58.65, -6.55, -6.43
CIE _{LCh}	59, 9.182, 224.472
Yxy	26.6554, 0.2833, 0.3171
Android (android.graphics.Color)	4286222744 (0xFF7A9198)
YUV	138.9210, 6.4479, -14.8397
Hunter-Lab	51.6289, -7.9998, -2.4404

Details

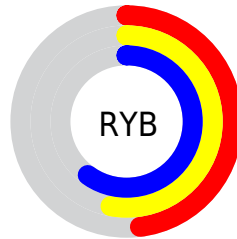
The XYZ color **23.8189, 26.6554, 33.5954** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3121, 23.7809, 21.7215**, and the grayscale version is **24.4912, 25.7666, 28.0599**.

A 20% lighter version of the original color is **49.2432, 54.4170, 66.3007**, and **9.1888, 10.5405, 13.8621** is the 20% darker color. If you saturate the color by 10%, you get **21.2996, 24.5655, 33.3252**, and if you desaturate by 10%, it is **26.6933, 28.9548, 33.8882**.

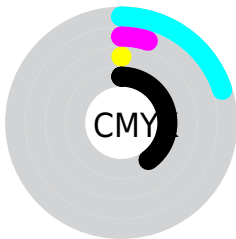
Distribution



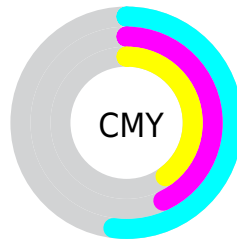
- Red (48%)
- Green (57%)
- Blue (60%)



- Red (48%)
- Yellow (53%)
- Blue (60%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8189, 26.6554, 33.5954 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 23.8189, 26.6554, 33.5954 by changing the saturation by 10% instead.

■ 23.8189, 26.6554,
33.5954

■ 23.8189, 26.6554,
33.5954

264.3611,
285.9847, 333.0381

■ 15.3233, 17.3146,
22.3081

■ 49.1913, 54.3304,
66.4307

■ 9.1344, 10.4590,
13.8830

■ 66.7989, 73.4334,
88.8157

■ 4.8868, 5.7044,
7.9015

■ 88.1746, 96.5592,
115.7371

■ 2.2151, 2.6662,
3.9451

113.6836,
124.0922, 147.6134

■ 0.7507, 0.9600,
1.5953

143.6915,
156.4169, 184.8631

■ 0.0000, 0.0000,
0.2875

178.5634,

■ 0.0000, 0.0000,

193.9176, 227.9047

0.0000

218.6649,
236.9788, 277.1569

■ 23.8189, 26.6554,
33.5954

■ 23.8189, 26.6554,
33.5954

■ 21.2996, 24.5655,
33.3252

■ 26.6933, 28.9548,
33.8882

■ 19.1173, 22.6736,
33.0751

■ 29.9353, 31.4684,
34.2025

■ 17.2559, 20.9717,
32.8447

■ 33.5595, 34.2045,
34.5396

■ 15.6967, 19.4501,
32.6331

■ 37.5789, 37.1701,
34.9001

■ 14.4193, 18.0979,
32.4395

■ 42.0062, 40.3720,
35.2848

■ 13.4005, 16.9029,
32.2625

■ 46.8533, 43.8165,
35.6942

■ 12.6132, 15.8510,
32.1010

■ 52.1316, 47.5097,
36.1289

■ 11.9919, 14.9082,
31.9517

■ 57.8521, 51.4574,
36.5894

■ 11.9760, 14.8839,
31.9479

■ 62.6126, 54.9371,
37.0101

Harmonies

Analogous

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



23.2928, 26.6554, 30.6032



23.8189, 26.6554, 33.5954



24.7590, 26.6554, 35.4282

Triad

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



23.8189, 26.6554, 33.5954



27.4827, 26.6554, 30.7179



24.7970, 26.6554, 23.4151

Complementary

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



23.8189, 26.6554, 33.5954



24.3121, 23.7809, 21.7215

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.



25.9202, 26.6554, 23.4408



23.8189, 26.6554, 33.5954



27.4936, 26.6554, 27.4985

Square

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



23.8189, 26.6554, 33.5954



26.8850, 26.6554, 33.6847



26.9144, 26.6554, 24.8859



23.8460, 26.6554, 24.8129

Rectangle

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



23.8189, 26.6554, 33.5954



25.5046, 26.6554, 35.6660



26.9144, 26.6554, 24.8859



25.1664, 26.6554, 23.2611

Sweetspot

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



23.8197, 26.6565, 33.5960



49.1108, 52.6689, 60.0114



23.1840, 28.1662, 24.8101



11.0877, 11.9129, 13.6325



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.



23.8197, 26.6565, 33.5960



39.8633, 45.2602, 59.0687



21.7432, 22.5036, 32.9039



6.2624, 6.7822, 7.9080



10.0658, 12.5282, 26.7954



0.1772, 0.2406, 0.4095

Inverse Universe

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



25.0199, 22.6393, 29.8405



42.4341, 36.8671, 50.9768



26.3599, 27.8764, 22.4041



6.3996, 6.2990, 7.4842



13.5395, 6.6700, 14.6319



0.2159, 0.1051, 0.2896

Previews

White Background



This preview shows how the XYZ color 23.8189, 26.6554, 33.5954 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 23.8189, 26.6554, 33.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

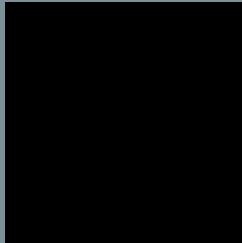
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

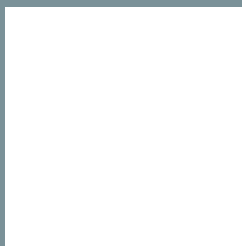
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8189, 26.6554, 33.5954

Background



This preview shows how black text looks on a background with the XYZ color 23.8189, 26.6554, 33.5954.



This preview shows how white text looks on a background with the XYZ color 23.8189, 26.6554,

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

23.8189, 26.6554, 33.5954

Protanopia

25.7874, 26.5888, 32.2068

Deuteranopia

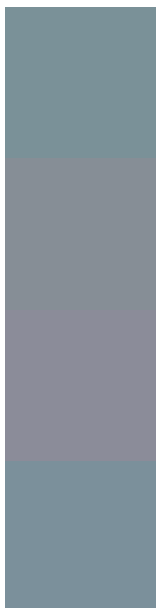
27.1728, 26.6140, 34.2767



Tritanopia

24.1424, 26.5578, 35.3062

Trichromacy



Original Color

23.8189, 26.6554, 33.5954

Protanomaly

25.0095, 26.6163, 32.6735

Deuteranomaly

25.7753, 26.5450, 33.9022

Tritanomaly

24.0580, 26.5240, 34.8620

Monochromacy



Original Color

23.8189, 26.6554, 33.5954

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2318, 26.0499, 30.1365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8189, 26.6554, 33.5954 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(122, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 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(122, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.8189, 26.6554, 33.5954 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(122, 145, 152) }
```


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

```
.border{ border-color:rgb(122, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(122, 145,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8189, 26.6554, 33.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 152) }
```

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

```
.background{ background-color: rgb(122,  
145, 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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