

Converting Colors

XYZ(23.1254, 26.6907, 31.3305)

Have a look what the booklet for
XYZ(23.1254, 26.6907, 31.3305)
contains.

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Color

**XYZ(23.2298, 26.8647,
31.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	779392
RGB	119, 147, 146
RGB Percent	47%, 58%, 57%
CMY	0.5333, 0.4235, 0.4274
CMYK	0.19, 0.00, 0.01, 0.42
HSL	178°, 11%, 52%
HSV	178°, 19%, 58%
XYZ	23.2298, 26.8647, 31.1552
YIQ	138.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

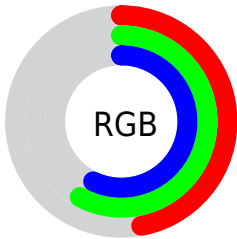
Format	Color
R_{YB}	119, 133, 147
Decimal	7836562
CIE _{Lab}	58.85, -10.01, -2.74
CIE _{LCh}	59, 10.381, 195.313
Yxy	26.8647, 0.2859, 0.3306
Android (android.graphics.Color)	4286026642 (0xFF779392)
YUV	138.5140, 3.6906, -17.1138
Hunter-Lab	51.8312, -10.7040, 0.6432

Details

The XYZ color **23.2298, 26.8647, 31.1552** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0206, 20.7536, 20.6157**, and the grayscale version is **24.3454, 25.6132, 27.8928**.

A 20% lighter version of the original color is **48.3252, 54.7141, 62.6574**, and **8.8200, 10.5124, 12.6306** is the 20% darker color. If you saturate the color by 10%, you get **21.3257, 25.8885, 30.8535**, and if you desaturate by 10%, it is **25.4477, 28.0040, 31.4737**.

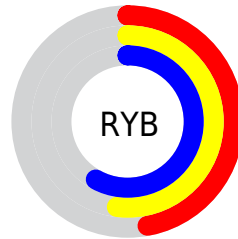
Distribution



Red (47%)

Green (58%)

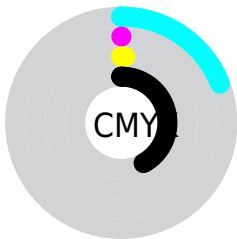
Blue (57%)



Red (47%)

Yellow (52%)

Blue (58%)

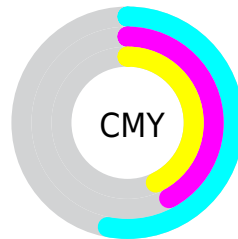


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2298, 26.8647, 31.1552 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 23.2298, 26.8647, 31.1552 by changing the saturation by 10% instead.

■ 23.2298, 26.8647,
31.1552

■ 23.2298, 26.8647,
31.1552

261.4165,
287.0014, 321.6260

■ 14.8849, 17.4716,
20.4576

■ 48.2343, 54.6667,
62.5668

■ 8.8244, 10.5713,
12.5407

■ 65.6246, 73.8444,
84.1178

■ 4.6830, 5.7794,
6.9861

■ 86.7607, 97.0524,
110.1238

■ 2.0953, 2.7114,
3.3751

112.0080,
124.6752, 141.0032

■ 0.6867, 0.9830,
1.2892

141.7319,
157.0971, 177.1746

■ 0.0000, 0.0000,
0.0529

176.2977,

■ 0.0000, 0.0000,

194.7025, 219.0565

0.0000

216.0708,
237.8758, 267.0674

■ 23.2298, 26.8647,
31.1552

■ 23.2298, 26.8647,
31.1552

■ 21.3257, 25.8885,
30.8535

■ 25.4477, 28.0040,
31.4737

■ 19.7189, 25.0649,
30.5662

■ 27.9905, 29.3101,
31.8078

■ 18.3945, 24.3868,
30.2930

■ 30.8715, 30.7906,
32.1587

■ 17.3360, 23.8458,
30.0333

■ 34.1027, 32.4515,
32.5270

■ 16.5246, 23.4321,
29.7861

■ 37.6955, 34.2988,
32.9132

■ 15.9394, 23.1351,
29.5505

■ 41.6606, 36.3381,
33.3178

■ 15.5561, 22.9420,
29.3253

■ 46.0085, 38.5746,
33.7413

■ 15.3187, 22.8242,
29.1079

■ 50.7491, 41.0136,
34.1842

■ 15.2974, 22.8137,
29.0873

■ 55.8921, 43.6600,
34.6470

Harmonies

Analogous

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



23.2233, 26.8647, 27.4976



23.2298, 26.8647, 31.1552



23.8397, 26.8647, 34.5623

Triad

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



23.2298, 26.8647, 31.1552



27.3269, 26.8647, 34.5014



26.1641, 26.8647, 22.9403

Complementary

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



23.2298, 26.8647, 31.1552



22.0206, 20.7536, 20.6157

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.



27.3070, 26.8647, 24.5140



23.2298, 26.8647, 31.1552



27.9933, 26.8647, 31.0776

Square

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



23.2298, 26.8647, 31.1552



26.1906, 26.8647, 36.6014



27.9859, 26.8647, 27.4262



24.8887, 26.8647, 22.9572

Rectangle

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



23.2298, 26.8647, 31.1552



24.5184, 26.8647, 36.1452



27.9859, 26.8647, 27.4262



26.5774, 26.8647, 23.2946

Sweetspot

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



23.2306, 26.8658, 31.1558



46.8417, 50.8016, 56.5345



21.5657, 26.2222, 21.3781



10.6350, 11.5671, 12.8978



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.



23.2306, 26.8658, 31.1558



40.0240, 47.3016, 55.5504



21.4555, 23.1904, 30.9504



5.9552, 6.5587, 7.3752



13.2634, 19.7782, 25.2266



0.1646, 0.2430, 0.3206

Inverse Universe

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



22.0206, 20.7536, 20.6157



37.4351, 34.2227, 32.9980



23.5605, 23.9302, 20.8305



5.8087, 5.8185, 6.0988



10.4587, 5.3885, 0.6303



0.1297, 0.0666, 0.0165

Previews

White Background



This preview shows how the XYZ color 23.2298, 26.8647, 31.1552 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 23.2298, 26.8647, 31.1552 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

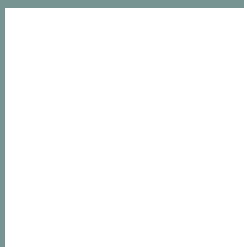
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2298, 26.8647, 31.1552

Background



This preview shows how black text looks on a background with the XYZ color 23.2298, 26.8647, 31.1552.

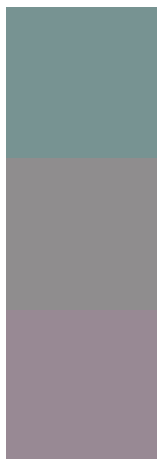


This preview shows how white text looks on a background with the XYZ color 23.2298, 26.8647,

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

23.2298, 26.8647, 31.1552

Protanopia

25.7351, 26.8424, 29.4159

Deuteranopia

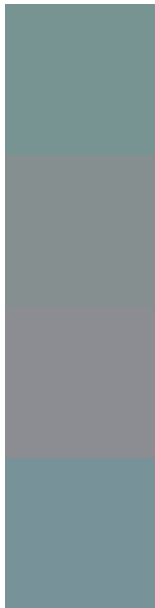
27.2399, 26.7048, 31.7358



Tritanopia

24.0964, 26.7501, 35.7916

Trichromacy



Original Color

23.2298, 26.8647, 31.1552

Protanomaly

24.6119, 26.6964, 29.8423

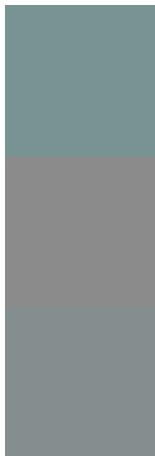
Deuteranomaly

25.6066, 26.7318, 31.4139

Tritanomaly

23.7744, 26.8507, 34.0667

Monochromacy



Original Color

23.2298, 26.8647, 31.1552

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.0712, 26.2045, 29.3805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2298, 26.8647, 31.1552 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(119, 147, 146)` looks like.

```
.text, #text, p{  
    color:rgb(119, 147, 146)  
}
```

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(119, 147, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 147, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.2298, 26.8647, 31.1552 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(119, 147, 146) }
```


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

```
.border{ border-color:rgb(119, 147, 146) }
```

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

Here you see how a box with a 4 pixel rgb(119, 147, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 147, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 147, 146);  
box-shadow:4px 4px 4px 4px rgb(119, 147,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2298, 26.8647, 31.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 147, 146) }
```

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

```
.background{ background-color: rgb(119,  
147, 146) }
```

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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