

Converting Colors

XYZ(23.0215, 26.0686, 31.7923)

Have a look what the booklet for
XYZ(23.0215, 26.0686, 31.7923)
contains.

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Color

**XYZ(23.0643, 26.0777,
31.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	789094
RGB	120, 144, 148
RGB Percent	47%, 56%, 58%
CMY	0.5294, 0.4353, 0.4196
CMYK	0.19, 0.03, 0.00, 0.42
HSL	189°, 12%, 53%
HSV	189°, 19%, 58%
XYZ	23.0643, 26.0777, 31.8349
YIQ	137.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

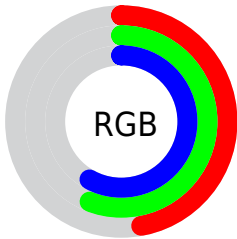
Format	Color
R_{YB}	120, 133, 148
Decimal	7901332
CIE _{Lab}	58.11, -7.57, -4.97
CIE _{LCh}	58, 9.057, 213.247
Yxy	26.0777, 0.2848, 0.3220
Android (android.graphics.Color)	4286091412 (0xFF789094)
YUV	137.2800, 5.2850, -15.1546
Hunter-Lab	51.0663, -8.7459, -1.2151

Details

The XYZ color **23.0643, 26.0777, 31.8349** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8108, 22.0674, 20.8270**, and the grayscale version is **23.8692, 25.1123, 27.3473**.

A 20% lighter version of the original color is **48.0883, 53.5367, 63.6762**, and **8.7589, 10.2081, 12.8180** is the 20% darker color. If you saturate the color by 10%, you get **20.8514, 24.4668, 31.6410**, and if you desaturate by 10%, it is **25.6020, 27.8663, 32.0468**.

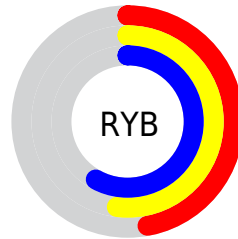
Distribution



Red (47%)

Green (56%)

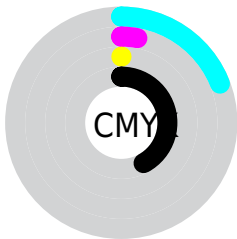
Blue (58%)



Red (47%)

Yellow (52%)

Blue (58%)

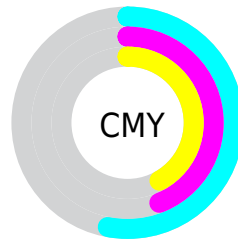


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0643, 26.0777, 31.8349 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 23.0643, 26.0777, 31.8349 by changing the saturation by 10% instead.

■ 23.0643, 26.0777,
31.8349

■ 23.0643, 26.0777,
31.8349

260.5843,
283.1633, 324.8360

■ 14.7619, 16.8818,
20.9717

■ 47.9648, 53.4003,
63.6471

■ 8.7377, 10.1502,
12.9122

■ 65.2936, 72.2957,
85.4331

■ 4.6262, 5.4987,
7.2381

■ 86.3620, 95.1931,
111.6971

■ 2.0622, 2.5427,
3.5308

111.5352,
122.4769, 142.8576

■ 0.6685, 0.8980,
1.3716

141.1787,
154.5314, 179.3332

■ 0.0000, 0.0000,
0.1194

175.6578,

■ 0.0000, 0.0000,

191.7410, 221.5425

0.0000

215.3379,
234.4902, 269.9039

■ 23.0643, 26.0777,
31.8349

■ 23.0643, 26.0777,
31.8349

■ 20.8514, 24.4668,
31.6410

■ 25.6020, 27.8663,
32.0468

■ 18.9464, 23.0229,
31.4627

■ 28.4759, 29.8364,
32.2756

■ 17.3345, 21.7388,
31.2998

■ 31.6995, 31.9959,
32.5225

■ 15.9985, 20.6057,
31.1515

■ 35.2850, 34.3509,
32.7881

■ 14.9195, 19.6138,
31.0169

■ 39.2440, 36.9075,
33.0729

■ 14.0763, 18.7521,
30.8951

■ 43.5874, 39.6715,
33.3775

■ 13.4439, 18.0076,
30.7847

■ 48.3260, 42.6483,
33.7023

■ 12.9672, 17.3521,
30.6833

■ 53.4697, 45.8433,
34.0479

■ 12.9177, 17.2827,
30.6725

■ 59.0285, 49.2615,
34.4147

Harmonies

Analogous

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



22.7401, 26.0777, 28.7375



23.0643, 26.0777, 31.8349



23.8491, 26.0777, 34.1345

Triad

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



23.0643, 26.0777, 31.8349



26.7168, 26.0777, 31.1999



24.6669, 26.0777, 22.7823

Complementary

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



23.0643, 26.0777, 31.8349



22.8108, 22.0674, 20.8270

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.



25.7473, 26.0777, 23.3365



23.0643, 26.0777, 31.8349



26.9512, 26.0777, 28.0536

Square

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



23.0643, 26.0777, 31.8349



25.9600, 26.0777, 33.7493



26.5915, 26.0777, 25.2108



23.6481, 26.0777, 23.6378

Rectangle

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



23.0643, 26.0777, 31.8349



24.5390, 26.0777, 34.8225



26.5915, 26.0777, 25.2108



25.0348, 26.0777, 22.8101

Sweetspot

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



23.0651, 26.0788, 31.8355



46.5310, 50.1077, 56.6539



21.9574, 26.6219, 22.9623



10.5575, 11.3940, 12.9276



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.



23.0651, 26.0788, 31.8355



38.8537, 44.6849, 56.0118



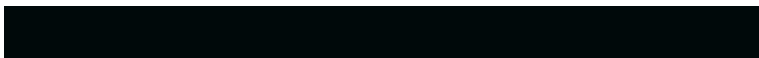
21.1097, 22.1680, 31.1837



5.8943, 6.4225, 7.3987



11.0486, 14.7920, 26.2039



0.1508, 0.2122, 0.3259

Inverse Universe

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



23.9639, 21.7431, 29.3206



40.7770, 35.5594, 50.5962



24.6537, 25.7530, 21.4413



6.0001, 5.8951, 7.1066



13.7039, 6.6866, 17.7196



0.1756, 0.0850, 0.2582

Previews

White Background



This preview shows how the XYZ color 23.0643, 26.0777, 31.8349 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 23.0643, 26.0777, 31.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

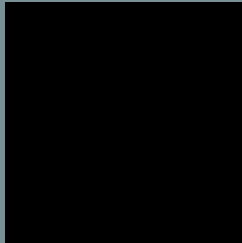
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

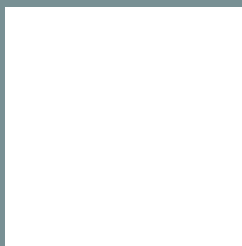
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0643, 26.0777, 31.8349

Background



This preview shows how black text looks on a background with the XYZ color 23.0643, 26.0777, 31.8349.



This preview shows how white text looks on a background with the XYZ color 23.0643, 26.0777,

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

23.0643, 26.0777, 31.8349

Protanopia

25.1587, 26.0850, 30.4970

Deuteranopia

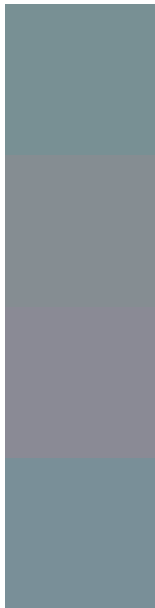
26.3817, 25.8259, 32.4486



Tritanopia

23.5404, 26.0430, 34.3579

Trichromacy



Original Color

23.0643, 26.0777, 31.8349

Protanomaly

24.3860, 26.1116, 30.9489

Deuteranomaly

24.9945, 25.7502, 32.0867

Tritanomaly

23.3751, 25.9769, 33.4878

Monochromacy



Original Color

23.0643, 26.0777, 31.8349

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5459, 25.5045, 28.8812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0643, 26.0777, 31.8349 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(120, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(120, 144, 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(120, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 144, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.0643, 26.0777, 31.8349 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(120, 144, 148) }
```


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

```
.border{ border-color:rgb(120, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(120, 144,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0643, 26.0777, 31.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 144, 148) }
```

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

```
.background{ background-color: rgb(120,  
144, 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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