

Converting Colors

XYZ(23.1262, 26.3550, 29.0927)

Have a look what the booklet for
XYZ(23.1262, 26.3550, 29.0927)
contains.

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Color

**XYZ(23.1015, 26.3848,
29.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	7B918D
RGB	123, 145, 141
RGB Percent	48%, 57%, 55%
CMY	0.5176, 0.4314, 0.4471
CMYK	0.15, 0.00, 0.03, 0.43
HSL	169°, 9%, 53%
HSV	169°, 15%, 57%
XYZ	23.1015, 26.3848, 29.0745
YIQ	137.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

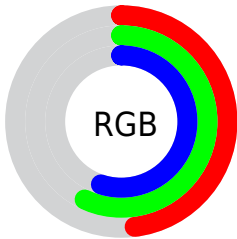
Format	Color
R_{YB}	123, 135, 145
Decimal	8098189
CIE _{Lab}	58.40, -8.66, -0.51
CIE _{LCh}	58, 8.672, 183.390
Yxy	26.3848, 0.2941, 0.3359
Android (android.graphics.Color)	4286288269 (0xFF7B918D)
YUV	137.9660, 1.4958, -13.1252
Hunter-Lab	51.3661, -9.6118, 2.3967

Details

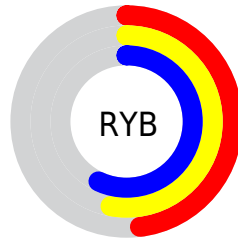
The XYZ color **23.1015, 26.3848, 29.0745** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5917, 21.7187, 23.0813**, and the grayscale version is **24.1428, 25.4001, 27.6607**.

A 20% lighter version of the original color is **48.1782, 54.0171, 59.5168**, and **8.8046, 10.3956, 11.4400** is the 20% darker color. If you saturate the color by 10%, you get **20.9852, 25.3169, 27.9636**, and if you desaturate by 10%, it is **25.5313, 27.6152, 30.2256**.

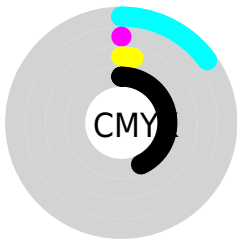
Distribution



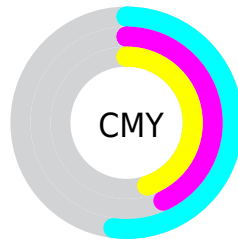
- Red (48%)
- Green (57%)
- Blue (55%)



- Red (48%)
- Yellow (53%)
- Blue (57%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (52%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1015, 26.3848, 29.0745 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 23.1015, 26.3848, 29.0745 by changing the saturation by 10% instead.

■ 23.1015, 26.3848,
29.0745

■ 23.1015, 26.3848,
29.0745

260.7715,
284.6660, 311.6382

■ 14.7896, 17.1117,
18.8911

■ 48.0254, 53.8951,
59.2390

■ 8.7572, 10.3142,
11.4156

■ 65.3680, 72.9011,
80.0573

■ 4.6390, 5.6078,
6.2294

■ 86.4516, 95.9202,
105.2575

■ 2.0696, 2.6081,
2.9141

111.6416,
123.3368, 135.2584

■ 0.6726, 0.9307,
1.0509

141.3032,
155.5352, 170.4783

■ 0.0000, 0.0000,
0.0000

175.8018,

192.9000, 211.3359

215.5028,
235.8154, 258.2497

■ 23.1015, 26.3848,
29.0745

■ 23.1015, 26.3848,
29.0745

■ 20.9852, 25.3169,
27.9636

■ 25.5313, 27.6152,
30.2256

■ 19.1665, 24.4012,
26.8903

■ 28.2850, 29.0112,
31.4158

■ 17.6319, 23.6314,
25.8544

■ 31.3752, 30.5803,
32.6466

■ 16.3655, 22.9994,
24.8549

■ 34.8133, 32.3281,
33.9185

■ 15.3501, 22.4962,
23.8909

■ 38.6102, 34.2603,
35.2322

■ 14.5663, 22.1119,
22.9613

■ 42.7761, 36.3822,
36.5885

■ 13.9921, 21.8352,
22.0649

■ 47.3210, 38.6989,
37.9878

■ 13.5976, 21.6505,
21.2001

■ 52.2544, 41.2154,
39.4308

■ 13.4333, 21.5747,
20.7921

■ 57.5855, 43.9362,
40.9182

Harmonies

Analogous

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



23.3027, 26.3848, 26.1972



23.1015, 26.3848, 29.0745



23.4175, 26.3848, 32.0557

Triad

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



23.1015, 26.3848, 29.0745



26.2143, 26.3848, 33.8728



26.0002, 26.3848, 23.8280

Complementary

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



23.1015, 26.3848, 29.0745



22.5917, 21.7187, 23.0813

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.



26.8152, 26.3848, 25.6400



23.1015, 26.3848, 29.0745



26.9412, 26.3848, 31.4180

Square

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



23.1015, 26.3848, 29.0745



25.1985, 26.3848, 34.9459



27.1641, 26.3848, 28.3854



24.9578, 26.3848, 23.2962

Rectangle

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



23.1015, 26.3848, 29.0745



23.8842, 26.3848, 33.6637



27.1641, 26.3848, 28.3854



26.3108, 26.3848, 24.3010

Sweetspot

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



23.1023, 26.3859, 29.0751



45.7528, 49.4687, 54.1416



22.4587, 26.1965, 22.6121



10.1139, 10.9723, 12.0153



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.1023, 26.3859, 29.0751



40.0972, 46.6075, 51.4220



22.3733, 24.4427, 30.3280



5.5188, 6.0997, 6.6976



11.5304, 18.5080, 17.8789



0.1173, 0.1798, 0.2082

Inverse Universe

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



22.5917, 21.7187, 23.0813



39.0143, 36.7048, 38.7061



23.2313, 23.4070, 22.0330



5.4465, 5.4391, 5.8491



10.1868, 5.2317, 1.3692



0.1034, 0.0524, 0.0446

Previews

White Background



This preview shows how the XYZ color 23.1015, 26.3848, 29.0745 looks on a white background.

Color Contrast Check

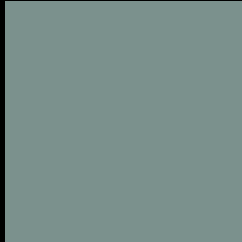
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1015, 26.3848, 29.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

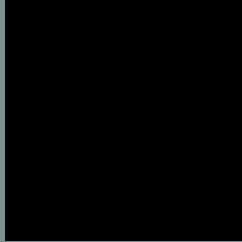
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

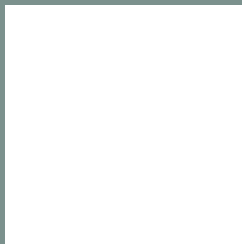
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1015, 26.3848, 29.0745

Background



This preview shows how black text looks on a background with the XYZ color 23.1015, 26.3848, 29.0745.



This preview shows how white text looks on a background with the XYZ color 23.1015, 26.3848,

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

23.1015, 26.3848, 29.0745

Protanopia

25.1478, 26.1399, 27.7648

Deuteranopia

26.7110, 26.2669, 29.6488



Tritanopia

24.1126, 26.3380, 34.3847

Trichromacy



Original Color

23.1015, 26.3848, 29.0745

Protanomaly

24.3384, 26.1481, 28.1904

Deuteranomaly

25.0996, 26.0810, 29.3024

Tritanomaly

23.7103, 26.4015, 32.2801

Monochromacy



Original Color

23.1015, 26.3848, 29.0745

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8579, 25.9004, 28.1679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1015, 26.3848, 29.0745 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(123, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 141)  
}
```

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(123, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.1015, 26.3848, 29.0745 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(123, 145, 141) }
```


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

```
.border{ border-color:rgb(123, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(123, 145,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1015, 26.3848, 29.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 141) }
```

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

```
.background{ background-color: rgb(123,  
145, 141) }
```

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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