

Converting Colors

XYZ(23.0887, 26.5235, 26.1176)

Have a look what the booklet for
XYZ(23.0887, 26.5235, 26.1176)
contains.

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Color

**XYZ(22.9632, 26.3799,
26.0718)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9185
RGB	126, 145, 133
RGB Percent	49%, 57%, 52%
CMY	0.5059, 0.4314, 0.4784
CMYK	0.13, 0.00, 0.08, 0.43
HSL	142°, 8%, 53%
HSV	142°, 13%, 57%
XYZ	22.9632, 26.3799, 26.0718
YIQ	137.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

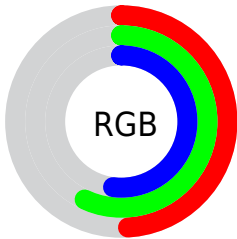
Format	Color
R_{YB}	126, 140, 145
Decimal	8294789
CIE _{Lab}	58.40, -9.26, 4.07
CIE _{LCh}	58, 10.117, 156.249
Yxy	26.3799, 0.3045, 0.3498
Android (android.graphics.Color)	4286484869 (0xFF7E9185)
YUV	137.9510, -2.4408, -10.4810
Hunter-Lab	51.3614, -10.0767, 5.8565

Details

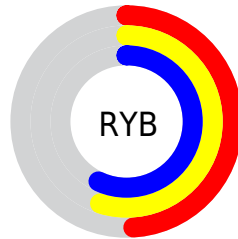
The XYZ color **22.9632, 26.3799, 26.0718** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7263, 22.7770, 27.1919**, and the grayscale version is **24.1504, 25.4081, 27.6695**.

A 20% lighter version of the original color is **47.8768, 53.9757, 54.3494**, and **8.7530, 10.4023, 9.9340** is the 20% darker color. If you saturate the color by 10%, you get **20.3727, 25.1152, 22.7905**, and if you desaturate by 10%, it is **25.9203, 27.8287, 29.6594**.

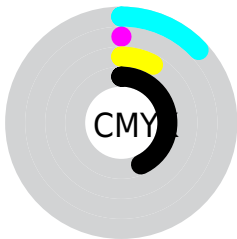
Distribution



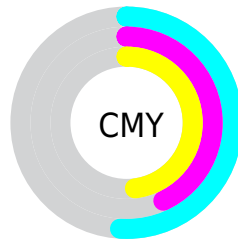
- Red (49%)
- Green (57%)
- Blue (52%)



- Red (49%)
- Yellow (55%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9632, 26.3799, 26.0718 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 22.9632, 26.3799, 26.0718 by changing the saturation by 10% instead.

■ 22.9632, 26.3799,
26.0718

■ 22.9632, 26.3799,
26.0718

260.0748,
284.6420, 296.7510

■ 14.6869, 17.1081,
16.6511

■ 47.8000, 53.8872,
54.3763

■ 8.6848, 10.3116,
9.8267

■ 65.0912, 72.8914,
74.0971

■ 4.5916, 5.6060,
5.1801

■ 86.1180, 95.9086,
98.0884

■ 2.0420, 2.6070,
2.2928

111.2459,
123.3231, 126.7688

■ 0.6574, 0.9302,
0.7272

140.8402,
155.5192, 160.5567

■ 0.0000, 0.0000,
0.0000

175.2662,

192.8815, 199.8706

214.8893,
235.7943, 245.1293

■ 22.9632, 26.3799,
26.0718

■ 22.9632, 26.3799,
26.0718

■ 20.3727, 25.1152,
22.7905

■ 25.9203, 27.8287,
29.6594

■ 18.1320, 24.0238,
19.8058

■ 29.2556, 29.4653,
33.5593

■ 16.2261, 23.0989,
17.1098

■ 32.9830, 31.2973,
37.7795

■ 14.6380, 22.3321,
14.6940

■ 37.1149, 33.3310,
42.3272

■ 13.3493, 21.7139,
12.5490

■ 41.6632, 35.5724,
47.2092

■ 12.3395, 21.2339,
10.6651

■ 46.6394, 38.0272,
52.4323

■ 11.5853, 20.8805,
9.0321

■ 52.0543, 40.7010,
58.0031

■ 11.0596, 20.6398,
7.6388

■ 57.9186, 43.5991,
63.9278

■ 10.7782, 20.5127,
6.8099

■ 63.6869, 46.4402,
70.1867

Harmonies

Analogous

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



23.6960, 26.3799, 23.5832



22.9632, 26.3799, 26.0718



22.7874, 26.3799, 29.4694

Triad

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



22.9632, 26.3799, 26.0718



25.3325, 26.3799, 36.0232



27.0363, 26.3799, 24.8889

Complementary

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



22.9632, 26.3799, 26.0718



23.7263, 22.7770, 27.1919

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.



27.5072, 26.3799, 27.9897



22.9632, 26.3799, 26.0718



26.5029, 26.3799, 34.5606

Square

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



22.9632, 26.3799, 26.0718



24.1296, 26.3799, 35.4043



27.3089, 26.3799, 31.5486



26.0413, 26.3799, 22.9405

Rectangle

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



22.9632, 26.3799, 26.0718



23.0045, 26.3799, 31.8353



27.3089, 26.3799, 31.5486



27.2626, 26.3799, 25.8208

Sweetspot

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



22.9639, 26.3810, 26.0724



45.8695, 49.5663, 52.4600



24.3790, 27.1646, 23.6973



10.1190, 10.9848, 11.5684



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.



22.9639, 26.3810, 26.0724



39.5546, 46.4753, 44.7329



23.6481, 26.6547, 29.6750



5.4199, 6.0602, 6.1770



9.2560, 17.5983, 5.9025



0.0985, 0.1722, 0.1090

Inverse Universe

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



23.7263, 22.7770, 27.1919



41.2192, 38.6053, 47.1767



23.0702, 22.5146, 23.7368



5.5431, 5.4778, 6.3580



11.6700, 5.8250, 9.1795



0.1222, 0.0600, 0.1439

Previews

White Background



This preview shows how the XYZ color 22.9632, 26.3799, 26.0718 looks on a white background.

Color Contrast Check

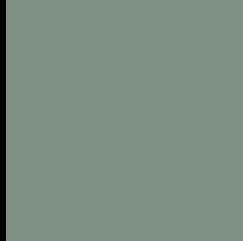
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9632, 26.3799, 26.0718 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

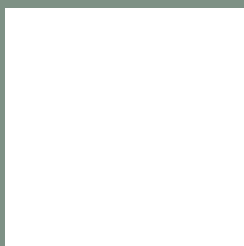
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9632, 26.3799, 26.0718

Background



This preview shows how black text looks on a background with the XYZ color 22.9632, 26.3799, 26.0718.



This preview shows how white text looks on a background with the XYZ color 22.9632, 26.3799,

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

22.9632, 26.3799, 26.0718

Protanopia

25.0844, 26.3876, 24.8903

Deuteranopia

26.7474, 26.1451, 26.5584



Tritanopia

24.4760, 26.3130, 33.9259

Trichromacy



Original Color

22.9632, 26.3799, 26.0718

Protanomaly

24.2510, 26.3880, 25.2880

Deuteranomaly

25.2127, 26.2062, 26.2837

Tritanomaly

23.9129, 26.3094, 31.0120

Monochromacy



Original Color

22.9632, 26.3799, 26.0718

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8003, 25.8957, 27.0365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9632, 26.3799, 26.0718 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(126, 145, 133)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 133)  
}
```

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(126, 145, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 133) }
```

Border

The CSS property to change the border of an element to XYZ 22.9632, 26.3799, 26.0718 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(126, 145, 133) }
```


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

```
.border{ border-color:rgb(126, 145, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9632, 26.3799, 26.0718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 133) }
```

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

```
.background{ background-color: rgb(126,  
145, 133) }
```

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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