

Converting Colors

XYZ(26.3019, 30.9228, 30.3837)

Have a look what the booklet for
XYZ(26.3019, 30.9228, 30.3837)
contains.

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Color

**XYZ(26.3750, 30.9224,
30.5651)**

Conversions

Conversions Part 1

Format	Color
Hex	839D8F
RGB	131, 157, 143
RGB Percent	51%, 62%, 56%
CMY	0.4863, 0.3843, 0.4392
CMYK	0.17, 0.00, 0.09, 0.38
HSL	148°, 12%, 56%
HSV	148°, 17%, 62%
XYZ	26.3750, 30.9224, 30.5651
YIQ	147.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

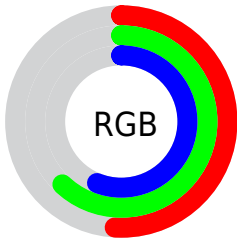
Format	Color
RYB	131, 149, 157
Decimal	8625551
CIELab	62.44, -11.98, 4.29
CIELCh	62, 12.729, 160.300
Yxy	30.9224, 0.3002, 0.3519
Android (android.graphics.Color)	4286815631 (0xFF839D8F)
YUV	147.6300, -2.2826, -14.5845
Hunter-Lab	55.6079, -12.6508, 6.3366

Details

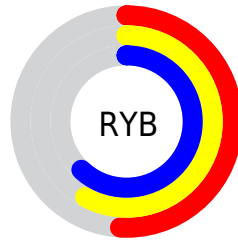
The XYZ color **26.3750, 30.9224, 30.5651** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.1329, 25.4459, 30.2710**, and the grayscale version is **28.0075, 29.4660, 32.0885**.

A 20% lighter version of the original color is **53.3887, 61.3085, 61.8432**, and **10.5232, 12.8477, 12.2812** is the 20% darker color. If you saturate the color by 10%, you get **23.5087, 29.5169, 27.2129**, and if you desaturate by 10%, it is **29.6598, 32.5398, 34.1902**.

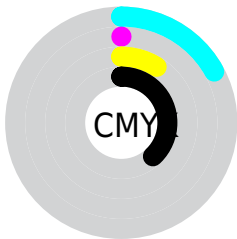
Distribution



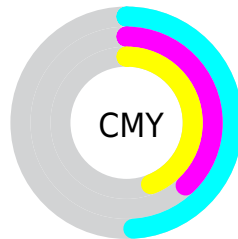
- Red (51%)
- Green (62%)
- Blue (56%)



- Red (51%)
- Yellow (58%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3750, 30.9224, 30.5651 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 26.3750, 30.9224, 30.5651 by changing the saturation by 10% instead.

■ 26.3750, 30.9224,
30.5651

■ 26.3750, 30.9224,
30.5651

276.8412,
306.1807, 318.8186

■ 17.2385, 20.5398,
20.0122

■ 53.3063, 61.1179,
61.6262

■ 10.5011, 12.7880,
12.2198

■ 71.8318, 81.6995,
82.9716

■ 5.7972, 7.2827,
6.7692

■ 94.2178, 106.4496,
108.7515

■ 2.7617, 3.6395,
3.2419

120.8295,
135.7525, 139.3845

■ 1.0290, 1.4740,
1.2194

152.0324,
169.9927, 175.2892

■ 0.0000, 0.2704,
0.0000

188.1917,

■ 0.0000, 0.0000,

209.5545, 216.8841

0.0000

229.6728,
254.8224, 264.5877

■ 26.3750, 30.9224,
30.5651

■ 26.3750, 30.9224,
30.5651

■ 23.5087, 29.5169,
27.2129

■ 29.6598, 32.5398,
34.1902

■ 21.0408, 28.3104,
24.1252

■ 33.3770, 34.3736,
38.0924

■ 18.9533, 27.2947,
21.2961

■ 37.5432, 36.4330,
42.2780

■ 17.2256, 26.4593,
18.7188

■ 42.1730, 38.7255,
46.7531

■ 15.8352, 25.7927,
16.3859

■ 47.2807, 41.2583,
51.5229

■ 14.7570, 25.2822,
14.2900

■ 52.8796, 44.0383,
56.5930

■ 13.9620, 24.9128,
12.4230

■ 58.9829, 47.0719,
61.9687

■ 13.4076, 24.6629,
10.7758

■ 65.0102, 50.0601,
67.6272

■ 13.2422, 24.5889,
10.2574

■ 66.0961, 50.4945,
73.3454

Harmonies

Analogous

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



27.2956, 30.9224, 26.9266



26.3750, 30.9224, 30.5651



26.2442, 30.9224, 35.3979

Triad

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



26.3750, 30.9224, 30.5651



29.9884, 30.9224, 43.9160



31.9959, 30.9224, 27.8869

Complementary

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



26.3750, 30.9224, 30.5651



27.1329, 25.4459, 30.2710

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.



32.7794, 30.9224, 31.9978



26.3750, 30.9224, 30.5651



31.5906, 30.9224, 41.4528

Square

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



26.3750, 30.9224, 30.5651



28.2860, 30.9224, 43.4364



32.6282, 30.9224, 36.9767



30.5241, 30.9224, 25.4884

Rectangle

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



26.3750, 30.9224, 30.5651



26.6169, 30.9224, 38.6972



32.6282, 30.9224, 36.9767



32.3511, 30.9224, 29.0968

Sweetspot

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



26.3759, 30.9237, 30.5658



54.0414, 58.7293, 62.2209



27.8848, 31.8011, 26.1418



11.8006, 12.8782, 13.5942



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.3759, 30.9237, 30.5658



45.1846, 54.3720, 52.3850



27.3935, 31.3308, 35.9246



6.6717, 7.4494, 7.7058



10.7729, 19.9771, 8.4272



0.2138, 0.3657, 0.2621

Inverse Universe

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



27.1329, 25.4459, 30.2710



46.8096, 42.6128, 51.7517



26.2073, 25.0757, 25.3970



6.7749, 6.7029, 7.6657



12.6291, 6.3562, 7.5637



0.2471, 0.1222, 0.2472

Previews

White Background



This preview shows how the XYZ color 26.3750, 30.9224, 30.5651 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.3750, 30.9224, 30.5651 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 ✓ Pass

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

XYZ 26.3750, 30.9224, 30.5651

Background



This preview shows how black text looks on a background with the XYZ color 26.3750, 30.9224, 30.5651.

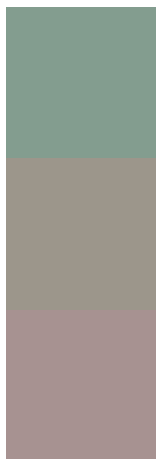


This preview shows how white text looks on a background with the XYZ color 26.3750, 30.9224,

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

26.3750, 30.9224, 30.5651

Protanopia

29.2768, 30.7447, 28.8174

Deuteranopia

31.3261, 30.8176, 31.0854



Tritanopia

28.4302, 31.0153, 40.5645

Trichromacy



Original Color

26.3750, 30.9224, 30.5651

Protanomaly

28.1575, 30.8790, 29.2871

Deuteranomaly

29.2668, 30.6963, 30.7680

Tritanomaly

27.7244, 30.9796, 36.8662

Monochromacy



Original Color

26.3750, 30.9224, 30.5651

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4102, 29.9593, 31.5322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3750, 30.9224, 30.5651 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(131, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(131, 157, 143)  
}
```

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(131, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 157, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.3750, 30.9224, 30.5651 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(131, 157, 143) }
```


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

```
.border{ border-color:rgb(131, 157, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(131, 157,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3750, 30.9224, 30.5651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 157, 143) }
```

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

```
.background{ background-color: rgb(131,  
157, 143) }
```

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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