

Converting Colors

XYZ(27.0347, 26.4895, 30.0033)

Have a look what the booklet for
XYZ(27.0347, 26.4895, 30.0033)
contains.

XYZ(26.9751, 26.3942, 30.0584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9751, 26.3942,
30.0584)**

Conversions

Conversions Part 1

Format	Color
Hex	998890
RGB	153, 136, 144
RGB Percent	60%, 53%, 56%
CMY	0.4000, 0.4667, 0.4353
CMYK	0.00, 0.11, 0.06, 0.40
HSL	332°, 8%, 57%
HSV	332°, 11%, 60%
XYZ	26.9751, 26.3942, 30.0584
YIQ	141.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

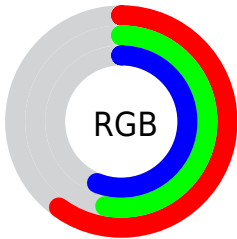
Format	Color
RYB	153, 136, 144
Decimal	10061968
CIELab	58.41, 7.85, -1.93
CIElCh	58, 8.088, 346.163
Yxy	26.3942, 0.3233, 0.3164
Android (android.graphics.Color)	4288252048 (0xFF998890)
YUV	141.9950, 0.9885, 9.6514
Hunter-Lab	51.3753, 3.8164, 1.2736

Details

The XYZ color **26.9751, 26.3942, 30.0584** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6565, 30.0618, 31.1871**, and the grayscale version is **25.7039, 27.0425, 29.4493**.

A 20% lighter version of the original color is **54.1228, 53.7378, 60.9459**, and **10.8277, 10.2885, 12.0049** is the 20% darker color. If you saturate the color by 10%, you get **24.3753, 22.1499, 26.2458**, and if you desaturate by 10%, it is **29.9285, 31.2738, 34.2088**.

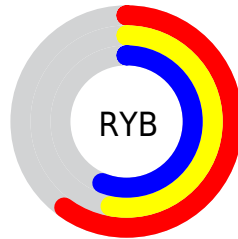
Distribution



Red (60%)

Green (53%)

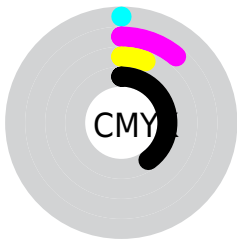
Blue (56%)



Red (60%)

Yellow (53%)

Blue (56%)

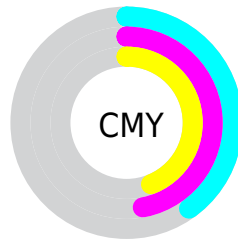


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9751, 26.3942, 30.0584 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 26.9751, 26.3942, 30.0584 by changing the saturation by 10% instead.

■ 26.9751, 26.3942,
30.0584

■ 26.9751, 26.3942,
30.0584

279.7063,
284.7118, 316.3923

■ 17.6910, 17.1188,
19.6305

■ 54.2641, 53.9102,
60.8166

■ 10.8267, 10.3192,
11.9453

■ 72.9997, 72.9196,
81.9840

■ 6.0169, 5.6111,
6.5844

■ 95.6165, 95.9424,
107.5683

■ 2.8961, 2.6101,
3.1291

122.4799,
123.3630, 137.9881

■ 1.0991, 0.9317,
1.1609

153.9552,
155.5659, 173.6618

■ 0.0243, 0.0000,
0.0000

190.4078,

■ 0.0000, 0.0000,

192.9354, 215.0081

0.0000

232.2031,
235.8559, 262.4454

■ 26.9751, 26.3942,
30.0584

■ 26.9751, 26.3942,
30.0584

■ 24.3753, 22.1499,
26.2458

■ 29.9285, 31.2738,
34.2088

■ 22.1128, 18.5111,
22.7600

■ 33.2463, 36.8101,
38.7040

■ 20.1738, 15.4509,
19.5920

■ 36.9417, 43.0275,
43.5531

■ 18.5420, 12.9387,
16.7316

■ 41.0264, 49.9483,
48.7641

■ 17.2001, 10.9415,
14.1678

■ 45.5119, 57.5938,
54.3450

■ 16.1288, 9.4223,
11.8889

■ 50.4087, 65.9844,
60.3032

■ 15.3063, 8.3393,
9.8823

■ 55.7275, 75.1395,
66.6462

■ 14.7071, 7.6432,
8.1336

■ 60.3824, 82.8866,
73.0158

■ 14.3064, 7.2401,
6.7722

■ 61.4102, 83.2977,
78.4279

Harmonies

Analogous

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



26.4808, 26.3942, 32.6700



26.9751, 26.3942, 30.0584



26.9542, 26.3942, 27.2522

Triad

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



26.9751, 26.3942, 30.0584



24.5623, 26.3942, 23.8282



23.7953, 26.3942, 32.8402

Complementary

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



26.9751, 26.3942, 30.0584



26.6565, 30.0618, 31.1871

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.



23.3079, 26.3942, 30.2785



26.9751, 26.3942, 30.0584



23.7427, 26.3942, 25.1363

Square

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



26.9751, 26.3942, 30.0584



25.5435, 26.3942, 23.7778



23.2889, 26.3942, 27.4584



24.6357, 26.3942, 34.3458

Rectangle

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



26.9751, 26.3942, 30.0584



26.6505, 26.3942, 25.6495



23.2889, 26.3942, 27.4584



23.5857, 26.3942, 32.0667

Sweetspot

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



26.9759, 26.3954, 30.0590



52.5161, 54.2125, 59.7660



26.1938, 25.9095, 33.7580



11.5035, 11.8173, 13.0681



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.9759, 26.3954, 30.0590



47.2575, 45.5437, 52.3147



26.4259, 26.2393, 26.9657



6.3237, 6.2686, 7.0847



11.8404, 5.9904, 5.6846



0.1952, 0.0968, 0.1807

Inverse Universe

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



26.9759, 26.3954, 30.0590



47.2575, 45.5437, 52.3147



27.2489, 30.2247, 34.5353



6.3237, 6.2686, 7.0847



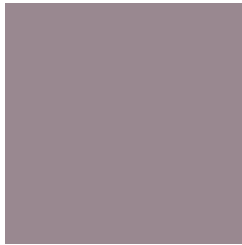
11.8404, 5.9904, 5.6846



0.1952, 0.0968, 0.1807

Previews

White Background



This preview shows how the XYZ color 26.9751, 26.3942, 30.0584 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 26.9751, 26.3942, 30.0584 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

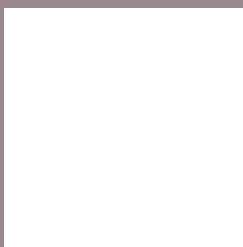
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9751, 26.3942, 30.0584

Background



This preview shows how black text looks on a background with the XYZ color 26.9751, 26.3942, 30.0584.



This preview shows how white text looks on a background with the XYZ color 26.9751, 26.3942,

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

26.9751, 26.3942, 30.0584

Protanopia

25.5509, 26.4942, 30.9613

Deuteranopia

26.9751, 26.3942, 30.0584



Tritanopia

27.1293, 26.4559, 30.8708

Trichromacy



Original Color

26.9751, 26.3942, 30.0584

Protanomaly

26.0205, 26.5293, 30.5373

Deuteranomaly

26.9751, 26.3942, 30.0584

Tritanomaly

27.0519, 26.4250, 30.4628

Monochromacy



Original Color

26.9751, 26.3942, 30.0584

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1901, 26.8503, 29.7889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9751, 26.3942, 30.0584 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(153, 136, 144)` looks like.

```
.text, #text, p{  
    color:rgb(153, 136, 144)  
}
```

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(153, 136, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 136, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.9751, 26.3942, 30.0584 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(153, 136, 144) }
```


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

```
.border{ border-color:rgb(153, 136, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 136, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 136, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 136, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 136,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9751, 26.3942, 30.0584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 136, 144) }
```

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

```
.background{ background-color: rgb(153,  
136, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor