

Converting Colors

XYZ(26.3898, 29.9877, 28.3299)

Have a look what the booklet for
XYZ(26.3898, 29.9877, 28.3299)
contains.

XYZ(26.4599, 30.0207, 28.4447)	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(26.4599, 30.0207,
28.4447)**

Conversions

Conversions Part 1

Format	Color
Hex	8A998A
RGB	138, 153, 138
RGB Percent	54%, 60%, 54%
CMY	0.4588, 0.4000, 0.4588
CMYK	0.10, 0.00, 0.10, 0.40
HSL	120°, 7%, 57%
HSV	120°, 10%, 60%
XYZ	26.4599, 30.0207, 28.4447
YIQ	146.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

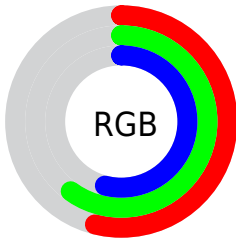
Format	Color
RYB	138, 153, 153
Decimal	9083274
CIELab	61.67, -8.32, 6.06
CIElCh	62, 10.292, 143.898
Yxy	30.0207, 0.3116, 0.3535
Android (android.graphics.Color)	4287273354 (0xFF8A998A)
YUV	146.8050, -4.3409, -7.7220
Hunter-Lab	54.7911, -9.6828, 7.5735

Details

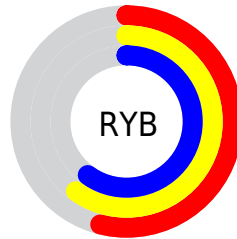
The XYZ color **26.4599, 30.0207, 28.4447** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9762, 27.2499, 33.9237**, and the grayscale version is **27.6719, 29.1130, 31.7040**.

A 20% lighter version of the original color is **53.2027, 59.4636, 57.9638**, and **10.5373, 12.2820, 11.0478** is the 20% darker color. If you saturate the color by 10%, you get **23.0739, 28.3951, 22.9055**, and if you desaturate by 10%, it is **30.3603, 31.8952, 34.8239**.

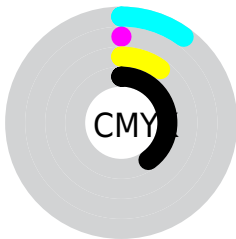
Distribution



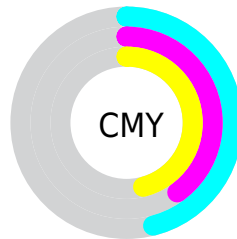
- Red (54%)
- Green (60%)
- Blue (54%)



- Red (54%)
- Yellow (60%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4599, 30.0207, 28.4447 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 26.4599, 30.0207, 28.4447 by changing the saturation by 10% instead.

■ 26.4599, 30.0207,
28.4447

■ 26.4599, 30.0207,
28.4447

277.2479,
302.0009, 308.5643

■ 17.3025, 19.8543,
18.4192

■ 53.4420, 59.6949,
58.2253

■ 10.5470, 12.2892,
11.0788

■ 71.9974, 79.9715,
78.8174

■ 5.8282, 6.9409,
6.0050

■ 94.4161, 104.3870,
103.7688

■ 2.7805, 3.4252,
2.7793

121.0636,
133.3257, 133.4981

■ 1.0388, 1.3575,
0.9831

152.3052,
167.1720, 168.4238

■ 0.0000, 0.1851,
0.0000

188.5062,

■ 0.0000, 0.0000,

206.3104, 208.9643

0.0000

230.0320,
251.1253, 255.5383

■ 26.4599, 30.0207,
28.4447

■ 26.4599, 30.0207,
28.4447

■ 23.0739, 28.3951,
22.9055

■ 30.3603, 31.8952,
34.8239

■ 20.1784, 27.0043,
18.1695

■ 34.7927, 34.0243,
42.0739

■ 17.7516, 25.8385,
14.1999

■ 39.7770, 36.4184,
50.2265

■ 15.7687, 24.8861,
10.9566

■ 45.3310, 39.0864,
59.3112

■ 14.2030, 24.1340,
8.3955

■ 51.4722, 42.0363,
69.3562

■ 13.0246, 23.5679,
6.4680

■ 58.2170, 45.2761,
80.3885

■ 12.1998, 23.1717,
5.1190

■ 65.5812, 48.8136,
92.4340

■ 11.6893, 22.9265,
4.2838

■ 70.6818, 51.2636,
100.7773

■ 11.3972, 22.7862,
3.8061

Harmonies

Analogous

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



27.4809, 30.0207, 26.2697



26.4599, 30.0207, 28.4447



25.9963, 30.0207, 31.8928

Triad

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



26.4599, 30.0207, 28.4447



28.2550, 30.0207, 40.7687



31.0080, 30.0207, 29.7283

Complementary

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



26.4599, 30.0207, 28.4447



27.9762, 27.2499, 33.9237

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.



31.2313, 30.0207, 33.4951



26.4599, 30.0207, 28.4447



29.6132, 30.0207, 40.0735

Square

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



26.4599, 30.0207, 28.4447



27.0111, 30.0207, 39.1628



30.7133, 30.0207, 37.3324



30.1126, 30.0207, 26.9683

Rectangle

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



26.4599, 30.0207, 28.4447



26.0547, 30.0207, 34.5313



30.7133, 30.0207, 37.3324



31.1653, 30.0207, 30.9104

Sweetspot

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



26.4607, 30.0220, 28.4454



51.9938, 55.9768, 58.4771



29.1169, 31.3913, 28.5696



11.3602, 12.3023, 12.7151



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.



26.4607, 30.0220, 28.4454



45.8278, 53.0149, 48.3915



27.0229, 30.2468, 31.4055



6.1322, 6.9256, 6.6194



9.4147, 18.8293, 3.1382



0.1407, 0.2815, 0.0469

Inverse Universe

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



27.9762, 27.2499, 33.9237



49.1600, 46.9197, 60.4373



27.3758, 27.0098, 30.7621



6.4612, 6.3237, 7.8090



15.6094, 7.4980, 25.5319



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 26.4599, 30.0207, 28.4447 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 26.4599, 30.0207, 28.4447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

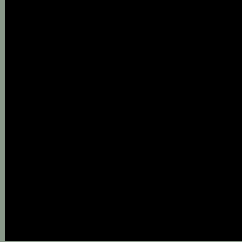
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

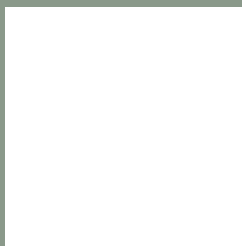
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4599, 30.0207, 28.4447

Background



This preview shows how black text looks on a background with the XYZ color 26.4599, 30.0207, 28.4447.



This preview shows how white text looks on a background with the XYZ color 26.4599, 30.0207,

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

26.4599, 30.0207, 28.4447

Protanopia

28.4806, 29.8976, 27.1914

Deuteranopia

30.4328, 29.9470, 28.9873



Tritanopia

28.4947, 30.1367, 38.0333

Trichromacy



Original Color

26.4599, 30.0207, 28.4447

Protanomaly

27.7447, 29.9798, 27.6169

Deuteranomaly

28.8042, 29.7994, 28.6598

Tritanomaly

27.8009, 30.0958, 34.4808

Monochromacy



Original Color

26.4599, 30.0207, 28.4447

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.2831, 29.4378, 30.6296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4599, 30.0207, 28.4447 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(138, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 153, 138)  
}
```

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(138, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 153, 138) }
```

Border

The CSS property to change the border of an element to XYZ 26.4599, 30.0207, 28.4447 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(138, 153, 138) }
```


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

```
.border{ border-color:rgb(138, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 153,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4599, 30.0207, 28.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 153, 138) }
```

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

```
.background{ background-color: rgb(138,  
153, 138) }
```

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