

Converting Colors

XYZ(26.8028, 30.1576, 30.8184)

Have a look what the booklet for
XYZ(26.8028, 30.1576, 30.8184)
contains.

XYZ(26.7418, 30.1144, 30.7888)	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(26.7418, 30.1144,
30.7888)**

Conversions

Conversions Part 1

Format	Color
Hex	899990
RGB	137, 153, 144
RGB Percent	54%, 60%, 56%
CMY	0.4627, 0.4000, 0.4353
CMYK	0.10, 0.00, 0.06, 0.40
HSL	146°, 7%, 57%
HSV	146°, 10%, 60%
XYZ	26.7418, 30.1144, 30.7888
YIQ	147.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

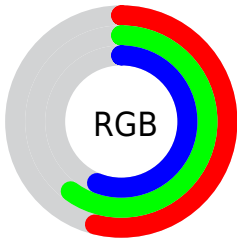
Format	Color
RYB	137, 148, 153
Decimal	9017744
CIELab	61.75, -7.51, 2.78
CIELCh	62, 8.008, 159.657
Yxy	30.1144, 0.3051, 0.3436
Android (android.graphics.Color)	4287207824 (0xFF899990)
YUV	147.1900, -1.5727, -8.9366
Hunter-Lab	54.8766, -9.0496, 5.1486

Details

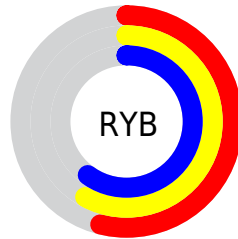
The XYZ color **26.7418, 30.1144, 30.7888** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2719, 26.7397, 30.9194**, and the grayscale version is **27.8207, 29.2695, 31.8745**.

A 20% lighter version of the original color is **53.7411, 59.6500, 62.1072**, and **10.7022, 12.3371, 12.4069** is the 20% darker color. If you saturate the color by 10%, you get **23.7765, 28.6597, 27.3461**, and if you desaturate by 10%, it is **30.1147, 31.7751, 34.5137**.

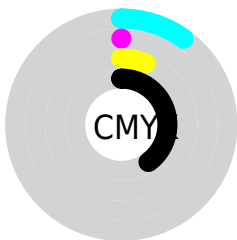
Distribution



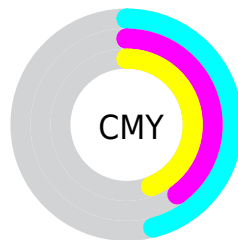
- Red (54%)
- Green (60%)
- Blue (56%)



- Red (54%)
- Yellow (58%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7418, 30.1144, 30.7888 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 26.7418, 30.1144, 30.7888 by changing the saturation by 10% instead.

■ 26.7418, 30.1144,
30.7888

■ 26.7418, 30.1144,
30.7888

278.5952,
302.4373, 319.8852

■ 17.5150, 19.9254,
20.1810

■ 53.8921, 59.8430,
61.9831

■ 10.6999, 12.3409,
12.3413

■ 72.5463, 80.1515,
83.4066

■ 5.9312, 6.9763,
6.8512

■ 95.0736, 104.6020,
109.2724

■ 2.8436, 3.4473,
3.2922

121.8394,
133.5787, 139.9991

■ 1.0716, 1.3695,
1.2457

153.2092,
167.4663, 176.0052

■ 0.0011, 0.1940,
0.0167

189.5481,

■ 0.0000, 0.0000,

206.6490, 217.7092

0.0000

231.2217,
251.5112, 265.5297

■ 26.7418, 30.1144,
30.7888

■ 26.7418, 30.1144,
30.7888

■ 23.7765, 28.6597,
27.3461

■ 30.1147, 31.7751,
34.5137

■ 21.2002, 27.3991,
24.1770

■ 33.9077, 33.6456,
38.5252

■ 18.9967, 26.3251,
21.2754

■ 38.1360, 35.7344,
42.8300

■ 17.1476, 25.4284,
18.6343

■ 42.8131, 38.0485,
47.4341

■ 15.6328, 24.6987,
16.2462

■ 47.9522, 40.5945,
52.3431

■ 14.4302, 24.1249,
14.1033

■ 53.5656, 43.3786,
57.5628

■ 13.5147, 23.6942,
12.1974

■ 59.6654, 46.4069,
63.0984

■ 12.8572, 23.3917,
10.5196

■ 64.6242, 48.8405,
68.8787

■ 12.4028, 23.1880,
9.1212

■ 65.7453, 49.2890,
74.7820

Harmonies

Analogous

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



27.3333, 30.1144, 28.4704



26.7418, 30.1144, 30.7888



26.6474, 30.1144, 33.7851

Triad

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



26.7418, 30.1144, 30.7888



28.9684, 30.1144, 38.9302



30.2317, 30.1144, 29.1805

Complementary

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



26.7418, 30.1144, 30.7888



27.2719, 26.7397, 30.9194

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.



30.6936, 30.1144, 31.8136



26.7418, 30.1144, 30.7888



29.9523, 30.1144, 37.5246

Square

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



26.7418, 30.1144, 30.7888



27.9155, 30.1144, 38.6135



30.5901, 30.1144, 34.8750



29.3421, 30.1144, 27.5826

Rectangle

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



26.7418, 30.1144, 30.7888



26.8766, 30.1144, 35.7838



30.5901, 30.1144, 34.8750



30.4431, 30.1144, 29.9670

Sweetspot

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



26.7426, 30.1157, 30.7895



52.2875, 56.0942, 60.0238



27.7736, 30.7071, 28.1306



11.4407, 12.3345, 13.1390



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.



26.7426, 30.1157, 30.7895



46.3324, 53.1655, 53.3622



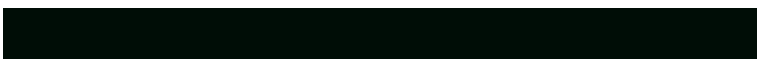
27.3708, 30.3669, 34.0973



6.2388, 6.9682, 7.1807



10.2665, 19.1700, 7.6237



0.1713, 0.2937, 0.2078

Inverse Universe

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



27.2719, 26.7397, 30.9194



47.5113, 45.6452, 53.6513



26.6757, 26.5013, 27.7799



6.3470, 6.2780, 7.2073



12.2650, 6.1602, 7.9205



0.2016, 0.0994, 0.2145

Previews

White Background



This preview shows how the XYZ color 26.7418, 30.1144, 30.7888 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 26.7418, 30.1144, 30.7888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

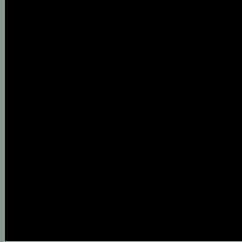
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

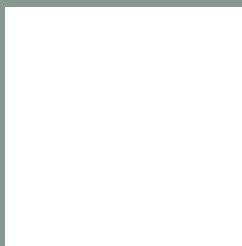
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7418, 30.1144, 30.7888

Background



This preview shows how black text looks on a background with the XYZ color 26.7418, 30.1144, 30.7888.



This preview shows how white text looks on a background with the XYZ color 26.7418, 30.1144,

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

26.7418, 30.1144, 30.7888

Protanopia

28.5345, 29.8752, 29.4619

Deuteranopia

30.4714, 29.9144, 31.3622



Tritanopia

28.2432, 29.9968, 38.4838

Trichromacy



Original Color

26.7418, 30.1144, 30.7888

Protanomaly

27.8215, 29.9687, 29.9094

Deuteranomaly

28.8710, 29.7818, 31.0149

Tritanomaly

27.6305, 29.9887, 35.3425

Monochromacy



Original Color

26.7418, 30.1144, 30.7888

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.2634, 29.4099, 31.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7418, 30.1144, 30.7888 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(137, 153, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 153, 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(137, 153, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 153, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.7418, 30.1144, 30.7888 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(137, 153, 144) }
```


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

```
.border{ border-color:rgb(137, 153, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 153, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 153, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 153, 144);  
box-shadow:4px 4px 4px 4px rgb(137, 153,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7418, 30.1144, 30.7888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 153, 144) }
```

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

```
.background{ background-color: rgb(137,  
153, 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