

Converting Colors

XYZ(26.7366, 27.1859, 26.0684)

Have a look what the booklet for
XYZ(26.7366, 27.1859, 26.0684)
contains.

XYZ(26.7486, 27.2219, 26.0349)	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(26.7486, 27.2219,
26.0349)**

Conversions

Conversions Part 1

Format	Color
Hex	998C85
RGB	153, 140, 133
RGB Percent	60%, 55%, 52%
CMY	0.4000, 0.4510, 0.4784
CMYK	0.00, 0.08, 0.13, 0.40
HSL	21°, 9%, 56%
HSV	21°, 13%, 60%
XYZ	26.7486, 27.2219, 26.0349
YIQ	143.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

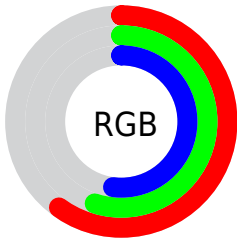
Format	Color
R_{YB}	153, 144, 133
Decimal	10062981
CIE _{Lab}	59.18, 3.61, 5.48
CIE _{LCh}	59, 6.567, 56.626
Yxy	27.2219, 0.3343, 0.3403
Android (android.graphics.Color)	4288253061 (0xFF998C85)
YUV	143.0890, -4.9739, 8.6919
Hunter-Lab	52.1746, 0.2069, 6.9368

Details

The XYZ color **26.7486, 27.2219, 26.0349** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7015, 27.8438, 34.1571**, and the grayscale version is **26.1610, 27.5234, 29.9730**.

A 20% lighter version of the original color is **53.8868, 55.3941, 54.3064**, and **10.7359, 10.7772, 9.9019** is the 20% darker color. If you saturate the color by 10%, you get **24.3800, 24.0547, 20.4046**, and if you desaturate by 10%, it is **29.4040, 30.7157, 32.5211**.

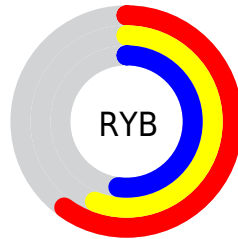
Distribution



Red (60%)

Green (55%)

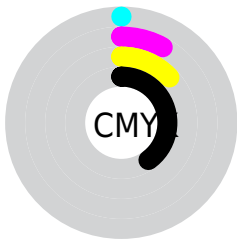
Blue (52%)



Red (60%)

Yellow (56%)

Blue (52%)

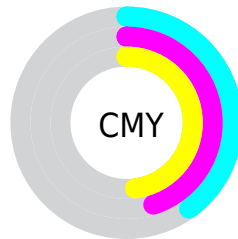


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7486, 27.2219, 26.0349 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 26.7486, 27.2219, 26.0349 by changing the saturation by 10% instead.

■ 26.7486, 27.2219,
26.0349

■ 26.7486, 27.2219,
26.0349

278.6276,
288.7299, 296.5643

■ 17.5201, 17.7399,
16.6238

■ 53.9029, 55.2397,
54.3160

■ 10.7036, 10.7634,
9.8075

■ 72.5595, 74.5444,
74.0231

■ 5.9337, 5.9080,
5.1676

■ 95.0894, 97.8921,
97.9992

■ 2.8451, 2.7892,
2.2855

121.8581,
125.6673, 126.6629

■ 1.0724, 1.0227,
0.7231

153.2310,
158.2542, 160.4327

■ 0.0018, 0.0000,
0.0000

189.5732,

■ 0.0000, 0.0000,

196.0374, 199.7272

0.0000

231.2503,
239.4011, 244.9648

■ 26.7486, 27.2219,
26.0349

■ 26.7486, 27.2219,
26.0349

■ 24.3800, 24.0547,
20.4046

■ 29.4040, 30.7157,
32.5211

■ 22.2859, 21.2009,
15.5925

■ 32.3536, 34.5417,
39.8955

■ 20.4562, 18.6517,
11.5605

■ 35.6071, 38.7098,
48.1906

■ 18.8796, 16.3965,
8.2667

■ 39.1733, 43.2285,
57.4370

■ 17.5437, 14.4239,
5.6654

■ 43.0604, 48.1059,
67.6635

■ 16.4348, 12.7219,
3.7056

■ 47.2766, 53.3499,
78.8982

■ 15.5378, 11.2774,
2.3293

■ 51.8294, 58.9680,
91.1676

■ 14.8352, 10.0757,
1.4675

■ 56.6617, 64.9417,
104.1564

■ 14.4363, 9.3709,
1.0479

■ 59.3423, 70.3030,
105.0499

Harmonies

Analogous

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



27.3054, 27.2219, 27.6666



26.7486, 27.2219, 26.0349



25.9663, 27.2219, 25.3665

Triad

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



26.7486, 27.2219, 26.0349



24.3349, 27.2219, 29.3756



26.5850, 27.2219, 33.8524

Complementary

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



26.7486, 27.2219, 26.0349



25.7015, 27.8438, 34.1571

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.



25.7811, 27.2219, 34.3684



26.7486, 27.2219, 26.0349



24.4927, 27.2219, 31.7051

Square

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



26.7486, 27.2219, 26.0349



24.5821, 27.2219, 27.2302



25.0179, 27.2219, 33.5635



27.2096, 27.2219, 32.1879

Rectangle

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



26.7486, 27.2219, 26.0349



25.4261, 27.2219, 25.5296



25.0179, 27.2219, 33.5635



26.3263, 27.2219, 34.1696

Sweetspot

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



26.7493, 27.2231, 26.0355



52.1561, 54.3509, 56.9998



26.7131, 25.6231, 30.7323



11.4396, 11.9005, 12.3965



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.



26.7493, 27.2231, 26.0355



46.4727, 46.8491, 43.1895



28.2772, 30.2788, 26.5448



6.3769, 6.5589, 6.5357



11.9601, 7.8027, 0.8757



0.2108, 0.1806, 0.0237

Inverse Universe

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



25.7015, 27.8438, 34.1571



44.1810, 48.2055, 60.9480



24.2272, 24.8952, 33.6656



6.2025, 6.6623, 7.8880



8.5055, 9.4076, 26.2753



0.1610, 0.2083, 0.4041

Previews

White Background



This preview shows how the XYZ color 26.7486, 27.2219, 26.0349 looks on a white background.

Color Contrast Check

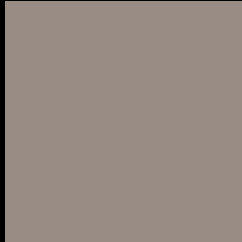
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7486, 27.2219, 26.0349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

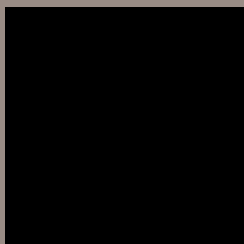
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

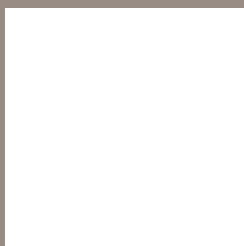
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7486, 27.2219, 26.0349

Background



This preview shows how black text looks on a background with the XYZ color 26.7486, 27.2219, 26.0349.



This preview shows how white text looks on a background with the XYZ color 26.7486, 27.2219,

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

26.7486, 27.2219, 26.0349

Protanopia

26.0087, 27.2703, 26.4471

Deuteranopia

27.8193, 27.3440, 26.0020



Tritanopia

27.9513, 27.2836, 31.8100

Trichromacy



Original Color

26.7486, 27.2219, 26.0349

Protanomaly

26.2224, 27.1605, 26.4147

Deuteranomaly

27.3709, 27.3268, 26.0223

Tritanomaly

27.5170, 27.3184, 29.8093

Monochromacy



Original Color

26.7486, 27.2219, 26.0349

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3658, 27.4131, 28.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7486, 27.2219, 26.0349 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, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(153, 140, 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(153, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 140, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.7486, 27.2219, 26.0349 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, 140, 133) }
```


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

```
.border{ border-color:rgb(153, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(153, 140,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7486, 27.2219, 26.0349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 140, 133) }
```

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

```
.background{ background-color: rgb(153,  
140, 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](#).

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