

Converting Colors

XYZ(26.6598, 27.7265, 27.4963)

Have a look what the booklet for
XYZ(26.6598, 27.7265, 27.4963)
contains.

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Color

**XYZ(26.7322, 27.8406,
27.6317)**

Conversions

Conversions Part 1

Format	Color
Hex	958F89
RGB	149, 143, 137
RGB Percent	58%, 56%, 54%
CMY	0.4157, 0.4392, 0.4627
CMYK	0.00, 0.04, 0.08, 0.42
HSL	30°, 5%, 56%
HSV	30°, 8%, 58%
XYZ	26.7322, 27.8406, 27.6317
YIQ	144.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

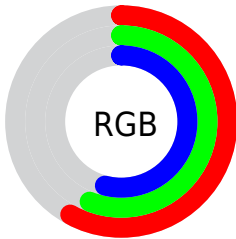
Format	Color
R_{YB}	149, 149, 137
Decimal	9801609
CIE _{Lab}	59.74, 1.11, 3.97
CIE _{LCh}	60, 4.123, 74.397
Yxy	27.8406, 0.3252, 0.3387
Android (android.graphics.Color)	4287991689 (0xFF958F89)
YUV	144.1100, -3.5052, 4.2885
Hunter-Lab	52.7642, -1.9029, 5.8858

Details

The XYZ color **26.7322, 27.8406, 27.6317** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5637, 27.1327, 32.3238**, and the grayscale version is **26.5663, 27.9498, 30.4373**.

A 20% lighter version of the original color is **53.8891, 56.3467, 56.7509**, and **10.6717, 11.1135, 10.5995** is the 20% darker color. If you saturate the color by 10%, you get **24.6556, 25.2811, 22.0254**, and if you desaturate by 10%, it is **29.0322, 30.6100, 34.0414**.

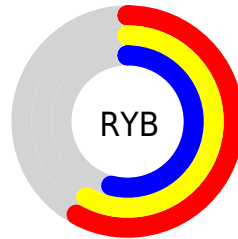
Distribution



Red (58%)

Green (56%)

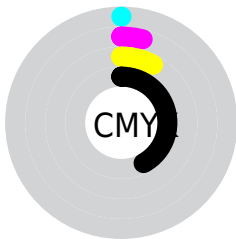
Blue (54%)



Red (58%)

Yellow (58%)

Blue (54%)

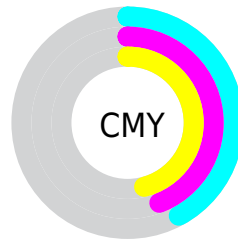


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7322, 27.8406, 27.6317 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 26.7322, 27.8406, 27.6317 by changing the saturation by 10% instead.

■ 26.7322, 27.8406,
27.6317

■ 26.7322, 27.8406,
27.6317

278.5494,
291.7045, 304.5592

■ 17.5077, 18.2055,
17.8116

■ 53.8768, 56.2299,
56.9119

■ 10.6947, 11.0977,
10.6468

■ 72.5276, 75.7528,
77.2091

■ 5.9277, 6.1326,
5.7187

■ 95.0512, 99.3406,
101.8357

■ 2.8414, 2.9259,
2.6088

121.8131,
127.3775, 131.2103

■ 1.0705, 1.0931,
0.8970

153.1784,
160.2479, 165.7514

■ 0.0002, 0.0000,
0.0000

189.5127,

■ 0.0000, 0.0000,

198.3363, 205.8775

0.0000

231.1812,
242.0270, 252.0073

■ 26.7322, 27.8406,
27.6317

■ 26.7322, 27.8406,
27.6317

■ 24.6556, 25.2811,
22.0254

■ 29.0322, 30.6100,
34.0414

■ 22.7926, 22.9227,
17.1886

■ 31.5604, 33.5907,
41.2831

■ 21.1362, 20.7609,
13.0876

■ 34.3242, 36.7888,
49.3861

■ 19.6778, 18.7901,
9.6853

■ 37.3301, 40.2089,
58.3776

■ 18.4084, 17.0040,
6.9417

■ 40.5842, 43.8557,
68.2840

■ 17.3180, 15.3961,
4.8123

■ 44.0925, 47.7334,
79.1301

■ 16.3956, 13.9593,
3.2472

■ 47.8607, 51.8463,
90.9401

■ 15.6286, 12.6856,
2.1886

■ 51.7002, 56.1209,
102.7153

■ 14.9939, 11.5630,
1.5249

■ 53.4963, 59.7132,
103.3140

Harmonies

Analogous

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



27.1844, 27.8406, 28.3491



26.7322, 27.8406, 27.6317



26.2132, 27.8406, 27.6170

Triad

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



26.7322, 27.8406, 27.6317



25.5025, 27.8406, 31.0332



27.1692, 27.8406, 32.4116

Complementary

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



26.7322, 27.8406, 27.6317



25.5637, 27.1327, 32.3238

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.



26.7117, 27.8406, 33.1804



26.7322, 27.8406, 27.6317



25.7518, 27.8406, 32.3670

Square

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



26.7322, 27.8406, 27.6317



25.5078, 27.8406, 29.5480



26.1929, 27.8406, 33.1638



27.4390, 27.8406, 31.0925

Rectangle

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



26.7322, 27.8406, 27.6317



25.8994, 27.8406, 28.0059



26.1929, 27.8406, 33.1638



27.0320, 27.8406, 32.7449

Sweetspot

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



26.7330, 27.8418, 27.6323



50.3023, 52.7964, 56.2112



26.2983, 26.2644, 29.6704



11.1596, 11.7147, 12.4904



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.7330, 27.8418, 27.6323



47.0422, 48.8440, 47.2079



27.6575, 29.6909, 27.9405



6.0261, 6.2660, 6.1323



12.5526, 9.6197, 1.1952



0.1831, 0.1766, 0.0244

Inverse Universe

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



25.5637, 27.1327, 32.3238



44.4268, 47.2578, 57.7014



24.6873, 25.3800, 32.0317



5.7246, 6.0831, 7.3422



6.6826, 6.0600, 24.7485



0.1112, 0.1330, 0.3127

Previews

White Background



This preview shows how the XYZ color 26.7322, 27.8406, 27.6317 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 26.7322, 27.8406, 27.6317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

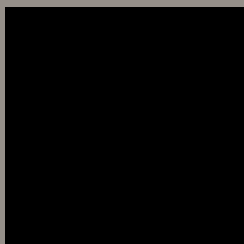
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

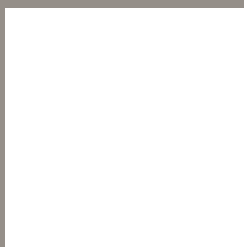
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7322, 27.8406, 27.6317

Background



This preview shows how black text looks on a background with the XYZ color 26.7322, 27.8406, 27.6317.



This preview shows how white text looks on a background with the XYZ color 26.7322, 27.8406,

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

26.7322, 27.8406, 27.6317

Protanopia

26.5506, 27.7470, 27.6232

Deuteranopia

28.3173, 27.7738, 27.9132



Tritanopia

27.9549, 27.8961, 33.6169

Trichromacy



Original Color

26.7322, 27.8406, 27.6317

Protanomaly

26.5506, 27.7470, 27.6232

Deuteranomaly

27.6758, 27.6591, 27.9248

Tritanomaly

27.5171, 27.9366, 31.5458

Monochromacy



Original Color

26.7322, 27.8406, 27.6317

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6350, 27.9806, 29.1963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7322, 27.8406, 27.6317 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(149, 143, 137) looks like.

```
.text, #text, p{  
    color:rgb(149, 143, 137)  
}
```

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(149, 143, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 143, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.7322, 27.8406, 27.6317 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(149, 143, 137) }
```


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

```
.border{ border-color:rgb(149, 143, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 143, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 143, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 143, 137);  
box-shadow:4px 4px 4px 4px rgb(149, 143,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7322, 27.8406, 27.6317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 143, 137) }
```

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

```
.background{ background-color: rgb(149,  
143, 137) }
```

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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