

Converting Colors

XYZ(26.7684, 29.7234, 27.2482)

Have a look what the booklet for
XYZ(26.7684, 29.7234, 27.2482)
contains.

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Color

**XYZ(26.7675, 29.7221,
27.2478)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9787
RGB	143, 151, 135
RGB Percent	56%, 59%, 53%
CMY	0.4392, 0.4078, 0.4706
CMYK	0.05, 0.00, 0.11, 0.41
HSL	90°, 7%, 56%
HSV	90°, 11%, 59%
XYZ	26.7675, 29.7221, 27.2478
YIQ	146.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

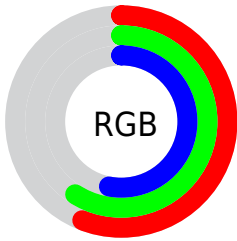
Format	Color
R_{YB}	135, 151, 143
Decimal	9410439
CIE _{Lab}	61.41, -5.94, 7.44
CIE _{LCh}	61, 9.520, 128.620
Yxy	29.7221, 0.3197, 0.3549
Android (android.graphics.Color)	4287600519 (0xFF8F9787)
YUV	146.7840, -5.8095, -3.3186
Hunter-Lab	54.5180, -7.7657, 8.5298

Details

The XYZ color **26.7675, 29.7221, 27.2478** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5786, 25.4027, 32.8347**, and the grayscale version is **27.6678, 29.1086, 31.6993**.

A 20% lighter version of the original color is **53.9344, 59.1638, 56.1541**, and **10.7111, 12.0974, 10.3648** is the 20% darker color. If you saturate the color by 10%, you get **24.5155, 28.6763, 21.9807**, and if you desaturate by 10%, it is **29.2600, 30.8762, 33.3146**.

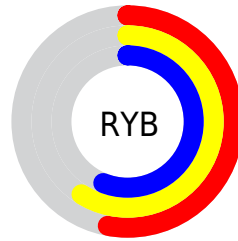
Distribution



Red (56%)

Green (59%)

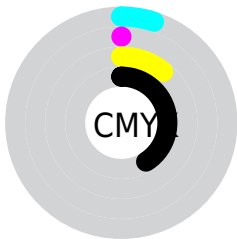
Blue (53%)



Red (53%)

Yellow (59%)

Blue (56%)

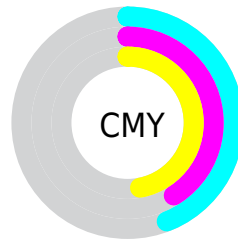


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (41%)



Cyan (44%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7675, 29.7221, 27.2478 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 26.7675, 29.7221, 27.2478 by changing the saturation by 10% instead.

■ 26.7675, 29.7221,
27.2478

■ 26.7675, 29.7221,
27.2478

278.7178,
300.6069, 302.6530

■ 17.5344, 19.6277,
17.5253

■ 53.9331, 59.2224,
56.2898

■ 10.7139, 12.1247,
10.4438

■ 72.5962, 79.3972,
76.4464

■ 5.9406, 6.8287,
5.5848

■ 95.1334, 103.7009,
100.9182

■ 2.8493, 3.3552,
2.5296

121.9101,
132.5179, 130.1236

■ 1.0746, 1.3199,
0.8558

153.2915,
166.2326, 164.4813

■ 0.0037, 0.1565,
0.0000

189.6430,

■ 0.0000, 0.0000,

205.2294, 204.4097

0.0000

231.3299,
249.8927, 250.3274

■ 26.7675, 29.7221,
27.2478

■ 26.7675, 29.7221,
27.2478

■ 24.5155, 28.6763,
21.9807

■ 29.2600, 30.8762,
33.3146

■ 22.4935, 27.7315,
17.4781

■ 31.9981, 32.1379,
40.2105

■ 20.6939, 26.8854,
13.7048

■ 34.9899, 33.5117,
47.9659

■ 19.1073, 26.1341,
10.6223

■ 38.2424, 35.0005,
56.6089

■ 17.7241, 25.4734,
8.1886

■ 41.7621, 36.6071,
66.1666

■ 16.5333, 24.8988,
6.3570

■ 45.5555, 38.3342,
76.6646

■ 15.5229, 24.4053,
5.0744

■ 49.6288, 40.1846,
88.1278

■ 14.6790, 23.9870,
4.2788

■ 53.8581, 42.1087,
99.8969

■ 14.0073, 23.6500,
3.8267

■ 55.9706, 43.1978,
99.9958

Harmonies

Analogous

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



27.8891, 29.7221, 25.9871



26.7675, 29.7221, 27.2478



26.0577, 29.7221, 29.9029

Triad

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



26.7675, 29.7221, 27.2478



27.3776, 29.7221, 39.2484



30.7087, 29.7221, 31.3355

Complementary

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



26.7675, 29.7221, 27.2478



25.5786, 25.4027, 32.8347

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.



30.5619, 29.7221, 34.9530



26.7675, 29.7221, 27.2478



28.6139, 29.7221, 39.7031

Square

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



26.7675, 29.7221, 27.2478



26.4026, 29.7221, 36.8798



29.7862, 29.7221, 38.0798



30.1816, 29.7221, 28.2297

Rectangle

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



26.7675, 29.7221, 27.2478



25.9010, 29.7221, 32.1958



29.7862, 29.7221, 38.0798



30.7368, 29.7221, 32.5294

Sweetspot

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



26.7683, 29.7234, 27.2484



51.2591, 54.7664, 56.8483



26.9592, 27.9746, 26.9008



11.5707, 12.4108, 12.7250



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.



26.7683, 29.7234, 27.2484



46.8209, 52.7107, 46.1469



25.4323, 29.0346, 27.1859



6.4116, 7.0696, 6.6325



11.9487, 20.1357, 3.2568



0.2205, 0.3226, 0.0507

Inverse Universe

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



25.5786, 25.4027, 32.8347



44.2024, 43.2007, 58.4425



27.0135, 26.1424, 32.9019



6.1640, 6.1704, 7.7951



7.2877, 3.2080, 25.1428



0.1509, 0.0696, 0.3778

Previews

White Background



This preview shows how the XYZ color 26.7675, 29.7221, 27.2478 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 26.7675, 29.7221, 27.2478 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

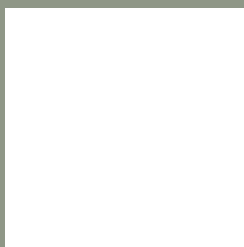
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7675, 29.7221, 27.2478

Background



This preview shows how black text looks on a background with the XYZ color 26.7675, 29.7221, 27.2478.



This preview shows how white text looks on a background with the XYZ color 26.7675, 29.7221,

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

26.7675, 29.7221, 27.2478

Protanopia

28.1500, 29.7433, 26.4477

Deuteranopia

30.2742, 29.6666, 27.7975



Tritanopia

28.7243, 29.5737, 36.9952

Trichromacy



Original Color

26.7675, 29.7221, 27.2478

Protanomaly

27.6282, 29.7002, 26.8308

Deuteranomaly

28.8234, 29.6044, 27.4876

Tritanomaly

27.9490, 29.4928, 33.0738

Monochromacy



Original Color

26.7675, 29.7221, 27.2478

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4019, 29.2740, 30.1928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7675, 29.7221, 27.2478 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(143, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 135)  
}
```

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(143, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.7675, 29.7221, 27.2478 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(143, 151, 135) }
```


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

```
.border{ border-color:rgb(143, 151, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 135);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7675, 29.7221, 27.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 135) }
```

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

```
.background{ background-color: rgb(143,  
151, 135) }
```

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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