

Converting Colors

XYZ(26.7069, 28.1233, 21.2377)

Have a look what the booklet for
XYZ(26.7069, 28.1233, 21.2377)
contains.

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Color

**XYZ(26.7608, 28.2231,
21.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9076
RGB	155, 144, 118
RGB Percent	61%, 56%, 46%
CMY	0.3922, 0.4353, 0.5373
CMYK	0.00, 0.07, 0.24, 0.39
HSL	42°, 16%, 54%
HSV	42°, 24%, 61%
XYZ	26.7608, 28.2231, 21.1767
YIQ	144.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

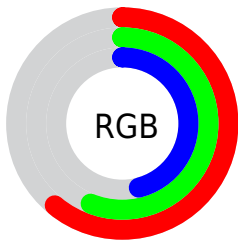
Format	Color
RYB	134, 155, 118
Decimal	10195062
CIELab	60.09, -0.26, 15.31
CIElCh	60, 15.315, 90.983
Yxy	28.2231, 0.3514, 0.3706
Android (android.graphics.Color)	4288385142 (0xFF9B9076)
YUV	144.3250, -12.9782, 9.3620
Hunter-Lab	53.1254, -3.0539, 13.5538

Details

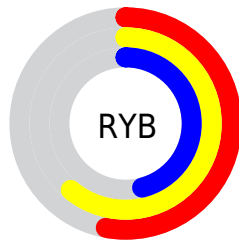
The XYZ color **26.7608, 28.2231, 21.1767** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.2376, 21.9179, 34.1216**, and the grayscale version is **26.6874, 28.0773, 30.5761**.

A 20% lighter version of the original color is **54.0281, 56.9921, 46.1832**, and **10.7017, 11.3312, 7.4174** is the 20% darker color. If you saturate the color by 10%, you get **25.2311, 26.5184, 16.4899**, and if you desaturate by 10%, it is **28.4719, 30.0478, 26.6715**.

Distribution



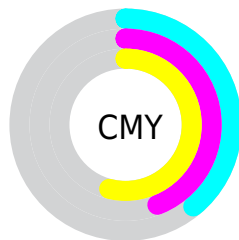
- Red (61%)
- Green (56%)
- Blue (46%)



- Red (53%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7608, 28.2231, 21.1767 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 26.7608, 28.2231, 21.1767 by changing the saturation by 10% instead.

■ 26.7608, 28.2231,
21.1767

■ 26.7608, 28.2231,
21.1767

278.6858,
293.5314, 271.0279

■ 17.5293, 18.4939,
13.0607

■ 53.9224, 56.8404,
46.2660

■ 10.7102, 11.3052,
7.3392

■ 72.5832, 76.4974,
64.0765

■ 5.9382, 6.2725,
3.5935

■ 95.1178, 100.2323,
85.9555

■ 2.8478, 3.0115,
1.4051

121.8917,
128.4297, 112.3216

■ 1.0738, 1.1377,
0.1457

153.2700,
161.4739, 143.5933

■ 0.0030, 0.0099,
0.0000

189.6182,

■ 0.0000, 0.0000,

199.7494, 180.1893

0.0000

231.3017,
243.6404, 222.5280

■ 26.7608, 28.2231,
21.1767

■ 26.7608, 28.2231,
21.1767

■ 25.2311, 26.5184,
16.4899

■ 28.4719, 30.0478,
26.6715

■ 23.8728, 24.9264,
12.5701

■ 30.3693, 31.9922,
33.0088

■ 22.6783, 23.4444,
9.3759

■ 32.4606, 34.0607,
40.2233

■ 21.6384, 22.0681,
6.8606

■ 34.7522, 36.2564,
48.3472

■ 20.7431, 20.7930,
4.9727

■ 37.2501, 38.5823,
57.4112

■ 19.9806, 19.6139,
3.6525

■ 39.9603, 41.0412,
67.4444

■ 19.3372, 18.5245,
2.8292

■ 42.8883, 43.6358,
78.4747

■ 18.9793, 17.8919,
2.4532

■ 46.0394, 46.3688,
90.5289

■ 49.0135, 49.0804,
101.4979

Harmonies

Analogous

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



28.6896, 28.2231, 22.2470



26.7608, 28.2231, 21.1767



24.9369, 28.2231, 22.3961

Triad

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



26.7608, 28.2231, 21.1767



23.7308, 28.2231, 36.6099



30.2474, 28.2231, 36.2518

Complementary

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



26.7608, 28.2231, 21.1767



21.2376, 21.9179, 34.1216

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.



28.8065, 28.2231, 40.9110



26.7608, 28.2231, 21.1767



25.0434, 28.2231, 41.1348

Square

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



26.7608, 28.2231, 21.1767



23.2406, 28.2231, 30.9151



26.8897, 28.2231, 42.7956



30.7606, 28.2231, 30.5459

Rectangle

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



26.7608, 28.2231, 21.1767



24.0102, 28.2231, 24.4406



26.8897, 28.2231, 42.7956



29.8521, 28.2231, 38.0156

Sweetspot

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



26.7615, 28.2244, 21.1773



53.2407, 56.1331, 55.2382



23.9653, 21.5134, 23.6934



12.0092, 12.6631, 12.3633



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.7615, 28.2244, 21.1773



46.3274, 48.7815, 32.9724



27.1320, 31.0094, 21.6953



6.5538, 6.9127, 6.5947



15.2785, 14.4393, 1.9818



0.2596, 0.2782, 0.0400

Inverse Universe

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



21.2376, 21.9179, 34.1216



34.5673, 35.3582, 60.5392



20.9111, 19.7139, 33.7134



6.0267, 6.3107, 7.8294



5.5688, 3.5343, 25.2964



0.1122, 0.1107, 0.3878

Previews

White Background



This preview shows how the XYZ color 26.7608, 28.2231, 21.1767 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 26.7608, 28.2231, 21.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

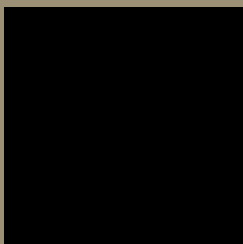
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

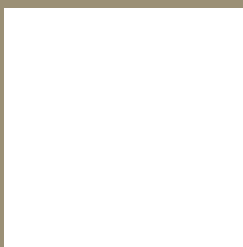
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7608, 28.2231, 21.1767

Background



This preview shows how black text looks on a background with the XYZ color 26.7608, 28.2231, 21.1767.



This preview shows how white text looks on a background with the XYZ color 26.7608, 28.2231,

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

26.7608, 28.2231, 21.1767

Protanopia

26.5323, 28.3311, 21.2096

Deuteranopia

28.7108, 28.1220, 21.3676



Tritanopia

29.1812, 28.3291, 32.7842

Trichromacy



Original Color

26.7608, 28.2231, 21.1767

Protanomaly

26.7218, 28.4288, 21.2185

Deuteranomaly

27.9589, 28.1682, 21.4162

Tritanomaly

28.2129, 28.1538, 27.9920

Monochromacy



Original Color

26.7608, 28.2231, 21.1767

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5592, 27.9917, 26.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7608, 28.2231, 21.1767 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(155, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(155, 144, 118)  
}
```

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(155, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.7608, 28.2231, 21.1767 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(155, 144, 118) }
```


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

```
.border{ border-color:rgb(155, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7608, 28.2231, 21.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 118) }
```

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

```
.background{ background-color: rgb(155,  
144, 118) }
```

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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