

Converting Colors

XYZ(26.7178, 29.8369, 21.0652)

Have a look what the booklet for
XYZ(26.7178, 29.8369, 21.0652)
contains.

XYZ(26.6719, 29.8071, 21.1772)	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(26.6719, 29.8071,
21.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	959775
RGB	149, 151, 117
RGB Percent	58%, 59%, 46%
CMY	0.4157, 0.4078, 0.5412
CMYK	0.01, 0.00, 0.23, 0.41
HSL	64°, 14%, 53%
HSV	64°, 23%, 59%
XYZ	26.6719, 29.8071, 21.1772
YIQ	146.5260, 9.7220, -10.9980

Conversions

Conversions Part 2

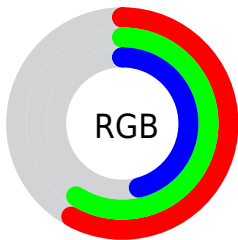
Format	Color
R_{YB}	117, 151, 119
Decimal	9803637
CIE Lab	61.49, -6.65, 17.72
CIE LCh	61, 18.928, 110.570
Yxy	29.8071, 0.3435, 0.3838
Android (android.graphics.Color)	4287993717 (0xFF959775)
YUV	146.5260, -14.5563, 2.1697
Hunter-Lab	54.5959, -8.3396, 15.2191

Details

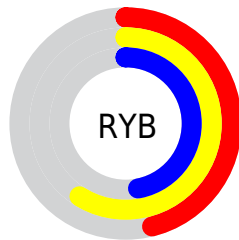
The XYZ color **26.6719, 29.8071, 21.1772** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.5561, 18.8797, 31.8932**, and the grayscale version is **27.5935, 29.0305, 31.6142**.

A 20% lighter version of the original color is **53.6214, 59.2237, 46.1413**, and **10.6684, 12.1407, 7.4113** is the 20% darker color. If you saturate the color by 10%, you get **25.6933, 29.3980, 16.8648**, and if you desaturate by 10%, it is **27.7965, 30.2768, 26.2453**.

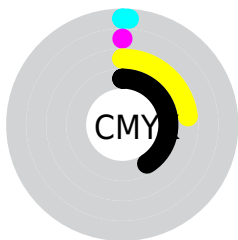
Distribution



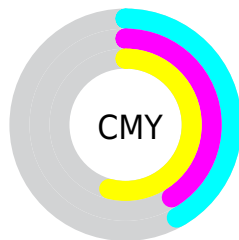
- Red (58%)
- Green (59%)
- Blue (46%)



- Red (46%)
- Yellow (59%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6719, 29.8071, 21.1772 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 26.6719, 29.8071, 21.1772 by changing the saturation by 10% instead.

■ 26.6719, 29.8071,
21.1772

■ 26.6719, 29.8071,
21.1772

278.2616,
301.0043, 271.0306

■ 17.4623, 19.6922,
13.0611

■ 53.7805, 59.3570,
46.2669

■ 10.6620, 12.1715,
7.3394

■ 72.4103, 79.5608,
64.0775

■ 5.9056, 6.8606,
3.5936

■ 94.9107, 103.8963,
85.9567

■ 2.8279, 3.3751,
1.4052

121.6473,
132.7480, 112.3231

■ 1.0634, 1.3305,
0.1457

152.9853,
166.5003, 143.5951

■ 0.0000, 0.1647,
0.0000

189.2901,

■ 0.0000, 0.0000,

205.5375, 180.1914

0.0000

230.9271,
250.2440, 222.5304

■ 26.6719, 29.8071,
21.1772

■ 26.6719, 29.8071,
21.1772

■ 25.6933, 29.3980,
16.8648

■ 27.7965, 30.2768,
26.2453

■ 24.8517, 29.0428,
13.2702

■ 29.0712, 30.8056,
32.1008

■ 24.1402, 28.7398,
10.3547

■ 30.5029, 31.3974,
38.7762

■ 23.5508, 28.4858,
8.0758

■ 32.0971, 32.0544,
46.3012

■ 23.0744, 28.2771,
6.3857

■ 33.8593, 32.7786,
54.7044

■ 22.7008, 28.1097,
5.2301

■ 35.7947, 33.5723,
64.0127

■ 22.4177, 27.9786,
4.5446

■ 37.9081, 34.4374,
74.2521

■ 22.2408, 27.8947,
4.2120

■ 40.2043, 35.3757,
85.4475

■ 42.6878, 36.3891,
97.6229

Harmonies

Analogous

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



29.1273, 29.8071, 20.6601



26.6719, 29.8071, 21.1772



24.7709, 29.8071, 24.4582

Triad

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



26.6719, 29.8071, 21.1772



25.3803, 29.8071, 44.3183



33.3529, 29.8071, 34.7679

Complementary

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



26.6719, 29.8071, 21.1772



19.5561, 18.8797, 31.8932

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.



32.2164, 29.8071, 42.0283



26.6719, 29.8071, 21.1772



27.5489, 29.8071, 48.0535

Square

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



26.6719, 29.8071, 21.1772



24.0562, 29.8071, 37.5468



30.0570, 29.8071, 47.1588



33.0838, 29.8071, 27.8454

Rectangle

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



26.6719, 29.8071, 21.1772



24.0269, 29.8071, 28.0789



30.0570, 29.8071, 47.1588



33.1202, 29.8071, 37.2634

Sweetspot

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



26.6727, 29.8084, 21.1778



50.9707, 54.7146, 52.4593



22.5355, 20.9868, 19.6931



11.5578, 12.4247, 11.7987



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.



26.6727, 29.8084, 21.1778



46.8524, 52.9985, 33.8804



23.8413, 28.3488, 21.0453



6.6730, 7.2044, 6.6447



18.9282, 23.7337, 3.5834



0.2924, 0.3597, 0.0540

Inverse Universe

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



19.5561, 18.8797, 31.8932



31.8125, 29.9004, 56.5283



22.0528, 20.1668, 32.0100



5.9165, 6.0428, 7.7835



4.8555, 1.9542, 25.0290



0.0804, 0.0333, 0.3746

Previews

White Background



This preview shows how the XYZ color 26.6719, 29.8071, 21.1772 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 26.6719, 29.8071, 21.1772 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

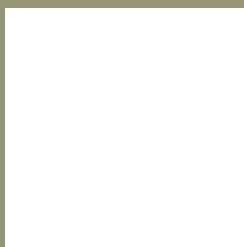
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6719, 29.8071, 21.1772

Background



This preview shows how black text looks on a background with the XYZ color 26.6719, 29.8071, 21.1772.



This preview shows how white text looks on a background with the XYZ color 26.6719, 29.8071,

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

26.6719, 29.8071, 21.1772

Protanopia

27.8428, 29.7099, 20.7901

Deuteranopia

30.3858, 29.8611, 21.6150



Tritanopia

29.6911, 29.8621, 36.0974

Trichromacy



Original Color

26.6719, 29.8071, 21.1772

Protanomaly

27.4174, 29.7244, 20.8153

Deuteranomaly

28.8587, 29.7583, 21.3624

Tritanomaly

28.4213, 29.8082, 29.8468

Monochromacy



Original Color

26.6719, 29.8071, 21.1772

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.2466, 29.2533, 27.5030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6719, 29.8071, 21.1772 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, 151, 117)` looks like.

```
.text, #text, p{  
    color:rgb(149, 151, 117)  
}
```

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, 151, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 151, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.6719, 29.8071, 21.1772 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, 151, 117) }
```


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

```
.border{ border-color:rgb(149, 151, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 151, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 151, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 151, 117);  
box-shadow:4px 4px 4px 4px rgb(149, 151,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6719, 29.8071, 21.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 151, 117) }
```

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

```
.background{ background-color: rgb(149,  
151, 117) }
```

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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