

Converting Colors

XYZ(26.8123, 27.1583, 31.6113)

Have a look what the booklet for
XYZ(26.8123, 27.1583, 31.6113)
contains.

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Color

**XYZ(26.6772, 27.0658,
31.4219)**

Conversions

Conversions Part 1

Format	Color
Hex	938C93
RGB	147, 140, 147
RGB Percent	58%, 55%, 58%
CMY	0.4235, 0.4510, 0.4235
CMYK	0.00, 0.05, 0.00, 0.42
HSL	300°, 3%, 56%
HSV	300°, 5%, 58%
XYZ	26.6772, 27.0658, 31.4219
YIQ	142.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

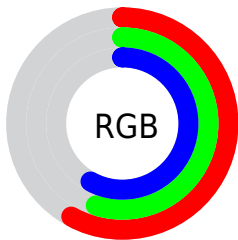
Format	Color
R_{YB}	147, 140, 147
Decimal	9669779
CIE _{Lab}	59.04, 3.94, -2.80
CIE _{LCh}	59, 4.832, 324.654
Yxy	27.0658, 0.3132, 0.3178
Android (android.graphics.Color)	4287859859 (0xFF938C93)
YUV	142.8910, 2.0257, 3.6036
Hunter-Lab	52.0248, 0.4876, 0.6074

Details

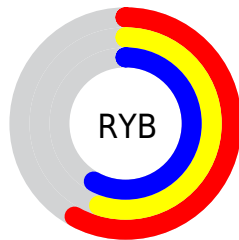
The XYZ color **26.6772, 27.0658, 31.4219** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9836, 28.3372, 28.9126**, and the grayscale version is **26.0573, 27.4143, 29.8541**.

A 20% lighter version of the original color is **53.9218, 55.2181, 63.0745**, and **10.5914, 10.6437, 12.5625** is the 20% darker color. If you saturate the color by 10%, you get **24.6714, 23.0539, 30.7533**, and if you desaturate by 10%, it is **28.9715, 31.6540, 32.1873**.

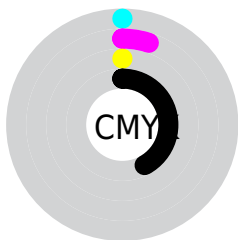
Distribution



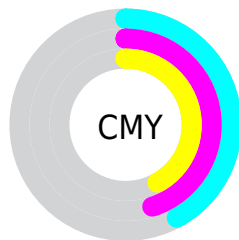
- Red (58%)
- Green (55%)
- Blue (58%)



- Red (58%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6772, 27.0658, 31.4219 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 26.6772, 27.0658, 31.4219 by changing the saturation by 10% instead.

■ 26.6772, 27.0658,
31.4219

■ 26.6772, 27.0658,
31.4219

278.2869,
287.9756, 322.8885

■ 17.4663, 17.6226,
20.6592

■ 53.7890, 54.9894,
62.9910

■ 10.6648, 10.6794,
12.6863

■ 72.4206, 74.2387,
84.6345

■ 5.9076, 5.8517,
7.0847

■ 94.9231, 97.5255,
110.7420

■ 2.8291, 2.7551,
3.4359

121.6619,
125.2341, 141.7321

■ 1.0640, 1.0053,
1.3213

153.0023,
157.7491, 178.0232

■ 0.0000, 0.0000,
0.0791

189.3097,

■ 0.0000, 0.0000,

195.4547, 220.0340

0.0000

230.9494,
238.7354, 268.1829

■ 26.6772, 27.0658,
31.4219

■ 26.6772, 27.0658,
31.4219

■ 24.6714, 23.0539,
30.7533

■ 28.9715, 31.6540,
32.1873

■ 22.9405, 19.5922,
30.1760

■ 31.5627, 36.8362,
33.0514

■ 21.4732, 16.6578,
29.6865

■ 34.4617, 42.6340,
34.0181

■ 20.2566, 14.2247,
29.2807

■ 37.6780, 49.0666,
35.0905

■ 19.2768, 12.2651,
28.9537

■ 41.2210, 56.1524,
36.2719

■ 18.5182, 10.7480,
28.7005

■ 45.0994, 63.9092,
37.5650

■ 17.9637, 9.6391,
28.5153

■ 49.3219, 72.3540,
38.9728

■ 17.5935, 8.8989,
28.3916

■ 53.0599, 79.8300,
40.2192

■ 17.3824, 8.4767,
28.3209

■ 53.0600, 79.8300,
40.2196

Harmonies

Analogous

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



26.2092, 27.0658, 32.5741



26.6772, 27.0658, 31.4219



26.8904, 27.0658, 29.7788

Triad

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



26.6772, 27.0658, 31.4219



25.8328, 27.0658, 26.3031



24.6915, 27.0658, 30.8691

Complementary

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



26.6772, 27.0658, 31.4219



25.9836, 28.3372, 28.9126

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.



24.5943, 27.0658, 29.1635



26.6772, 27.0658, 31.4219



25.2473, 27.0658, 26.5697

Square

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



26.6772, 27.0658, 31.4219



26.3980, 27.0658, 26.8579



24.7962, 27.0658, 27.6008



25.0640, 27.0658, 32.2464

Rectangle

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



26.6772, 27.0658, 31.4219



26.8569, 27.0658, 28.6425



24.7962, 27.0658, 27.6008



24.6258, 27.0658, 30.3133

Sweetspot

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



26.6780, 27.0670, 31.4225



49.2506, 51.4220, 56.7642



25.4610, 26.4396, 31.3657



11.2487, 11.7503, 12.9600



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.



26.6780, 27.0670, 31.4225



47.2561, 47.4331, 56.0990



26.4075, 26.9588, 29.9983



6.1687, 6.1760, 7.3366



14.9968, 7.2038, 24.5280



0.1836, 0.0882, 0.3002

Inverse Universe

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



26.6780, 27.0670, 31.4225



47.2561, 47.4331, 56.0990



26.2458, 28.4420, 30.2931



6.1687, 6.1760, 7.3366



14.9968, 7.2038, 24.5280



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 26.6772, 27.0658, 31.4219 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 26.6772, 27.0658, 31.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

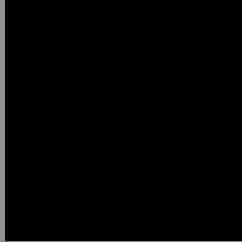
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6772, 27.0658, 31.4219

Background



This preview shows how black text looks on a background with the XYZ color 26.6772, 27.0658, 31.4219.



This preview shows how white text looks on a background with the XYZ color 26.6772, 27.0658,

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

26.6772, 27.0658, 31.4219

Protanopia

26.1979, 27.0275, 31.8530

Deuteranopia

27.4918, 27.0558, 31.3771



Tritanopia

26.9504, 26.9631, 32.6381

Trichromacy



Original Color

26.6772, 27.0658, 31.4219

Protanomaly

26.3718, 27.1172, 31.8612

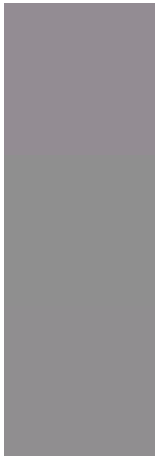
Deuteranomaly

27.2616, 27.1511, 31.4076

Tritanomaly

26.8702, 26.9311, 32.2158

Monochromacy



Original Color

26.6772, 27.0658, 31.4219

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2086, 27.2889, 30.2715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6772, 27.0658, 31.4219 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(147, 140, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 140, 147)  
}
```

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(147, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.6772, 27.0658, 31.4219 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(147, 140, 147) }
```


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

```
.border{ border-color:rgb(147, 140, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 140, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 140,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6772, 27.0658, 31.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 147) }
```

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

```
.background{ background-color: rgb(147,  
140, 147) }
```

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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