

Converting Colors

XYZ(27.1299, 29.6889, 26.4947)

Have a look what the booklet for
XYZ(27.1299, 29.6889, 26.4947)
contains.

XYZ(27.1726, 29.7092, 26.4926)	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(27.1726, 29.7092,
26.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	939685
RGB	147, 150, 133
RGB Percent	58%, 59%, 52%
CMY	0.4235, 0.4117, 0.4784
CMYK	0.02, 0.00, 0.11, 0.41
HSL	71°, 7%, 55%
HSV	71°, 11%, 59%
XYZ	27.1726, 29.7092, 26.4926
YIQ	147.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

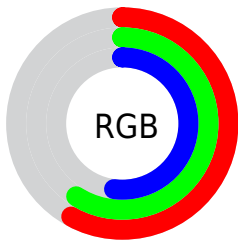
Format	Color
R_{YB}	133, 150, 136
Decimal	9672325
CIE Lab	61.40, -4.25, 8.59
CIE LCh	61, 9.587, 116.306
Yxy	29.7092, 0.3259, 0.3563
Android (android.graphics.Color)	4287862405 (0xFF939685)
YUV	147.1650, -6.9833, -0.1447
Hunter-Lab	54.5061, -6.3993, 9.3365

Details

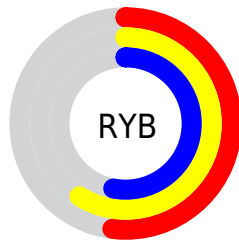
The XYZ color **27.1726, 29.7092, 26.4926** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0471, 24.2121, 32.2618**, and the grayscale version is **27.8290, 29.2783, 31.8841**.

A 20% lighter version of the original color is **54.5432, 59.1484, 54.9964**, and **10.8470, 12.0350, 9.9349** is the 20% darker color. If you saturate the color by 10%, you get **25.7400, 29.0829, 21.3967**, and if you desaturate by 10%, it is **28.7658, 30.4030, 32.3699**.

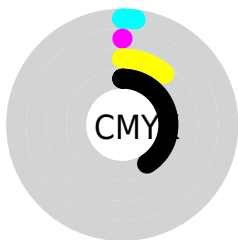
Distribution



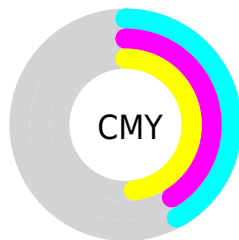
- Red (58%)
- Green (59%)
- Blue (52%)



- Red (52%)
- Yellow (59%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1726, 29.7092, 26.4926 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 27.1726, 29.7092, 26.4926 by changing the saturation by 10% instead.

■ 27.1726, 29.7092,
26.4926

■ 27.1726, 29.7092,
26.4926

280.6442,
300.5466, 298.8740

■ 17.8402, 19.6180,
16.9635

■ 54.5786, 59.2020,
55.0624

■ 10.9343, 12.1176,
10.0468

■ 73.3830, 79.3723,
74.9401

■ 6.0896, 6.8239,
5.3240

■ 96.0753, 103.6712,
99.1044

■ 2.9408, 3.3522,
2.3765

123.0209,
132.4829, 127.9739

■ 1.1225, 1.3182,
0.7736

154.5853,
166.1919, 161.9670

■ 0.0439, 0.1553,
0.0000

191.1337,

■ 0.0000, 0.0000,

205.1826, 201.5024

0.0000

233.0316,
249.8394, 246.9985

■ 27.1726, 29.7092,
26.4926

■ 27.1726, 29.7092,
26.4926

■ 25.7400, 29.0829,
21.3967

■ 28.7658, 30.4030,
32.3699

■ 24.4593, 28.5176,
17.0474

■ 30.5230, 31.1627,
39.0575

■ 23.3246, 28.0119,
13.4100

■ 32.4509, 31.9919,
46.5854

■ 22.3284, 27.5629,
10.4466

■ 34.5546, 32.8928,
54.9814

■ 21.4628, 27.1674,
8.1155

■ 36.8394, 33.8673,
64.2719

■ 20.7191, 26.8219,
6.3705

■ 39.3100, 34.9176,
74.4824

■ 20.0871, 26.5222,
5.1591

■ 41.9713, 36.0453,
85.6372

■ 19.5550, 26.2637,
4.4195

■ 44.8276, 37.2525,
97.7598

■ 19.1483, 26.0625,
4.0213

■ 45.7181, 37.6746,
99.4701

Harmonies

Analogous

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



28.3948, 29.7092, 25.8781



27.1726, 29.7092, 26.4926



26.2604, 29.7092, 28.6329

Triad

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



27.1726, 29.7092, 26.4926



26.9087, 29.7092, 38.5022



30.7372, 29.7092, 32.7995

Complementary

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



27.1726, 29.7092, 26.4926



24.0471, 24.2121, 32.2618

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.



30.3118, 29.7092, 36.3719



27.1726, 29.7092, 26.4926



28.0812, 29.7092, 39.8159

Square

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



27.1726, 29.7092, 26.4926



26.1113, 29.7092, 35.5372



29.3303, 29.7092, 39.0088



30.4765, 29.7092, 29.3560

Rectangle

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



27.1726, 29.7092, 26.4926



25.9381, 29.7092, 30.7258



29.3303, 29.7092, 39.0088



30.6694, 29.7092, 34.0268

Sweetspot

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



27.1734, 29.7105, 26.4932



50.2574, 53.4325, 55.2337



25.5930, 25.7397, 25.8101



11.0889, 11.8202, 12.0586



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.



27.1734, 29.7105, 26.4932



47.1799, 52.0922, 43.9667



25.7329, 28.9679, 26.4258



6.1660, 6.6934, 6.2074



15.9043, 21.6268, 3.3362



0.2158, 0.2756, 0.0418

Inverse Universe

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



24.0471, 24.2121, 32.2618



40.3682, 40.1117, 56.5360



25.4534, 24.9371, 32.3276



5.5894, 5.6793, 7.2714



4.9501, 2.0245, 24.0609



0.0784, 0.0340, 0.2953

Previews

White Background



This preview shows how the XYZ color 27.1726, 29.7092, 26.4926 looks on a white background.

Color Contrast Check

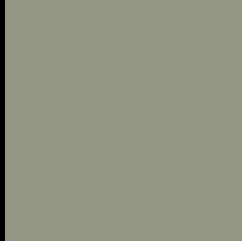
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1726, 29.7092, 26.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

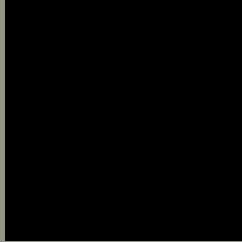
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1726, 29.7092, 26.4926

Background



This preview shows how black text looks on a background with the XYZ color 27.1726, 29.7092, 26.4926.



This preview shows how white text looks on a background with the XYZ color 27.1726, 29.7092,

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

27.1726, 29.7092, 26.4926

Protanopia

28.2723, 29.8143, 26.0944

Deuteranopia

30.0619, 29.5816, 26.6797



Tritanopia

29.2129, 29.6057, 36.5225

Trichromacy



Original Color

27.1726, 29.7092, 26.4926

Protanomaly

27.8612, 29.8362, 26.1203

Deuteranomaly

29.0792, 29.7526, 26.7644

Tritanomaly

28.4362, 29.5214, 32.6332

Monochromacy



Original Color

27.1726, 29.7092, 26.4926

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5050, 29.3358, 29.8039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1726, 29.7092, 26.4926 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, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(147, 150, 133)  
}
```

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, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 150, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.1726, 29.7092, 26.4926 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, 150, 133) }
```


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

```
.border{ border-color:rgb(147, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(147, 150,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1726, 29.7092, 26.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 150, 133) }
```

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

```
.background{ background-color: rgb(147,  
150, 133) }
```

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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