

Converting Colors

XYZ(26.7139, 28.8570, 15.2640)

Have a look what the booklet for
XYZ(26.7139, 28.8570, 15.2640)
contains.

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Color

**XYZ(26.6883, 28.7732,
15.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9260
RGB	159, 146, 96
RGB Percent	62%, 57%, 38%
CMY	0.3765, 0.4274, 0.6235
CMYK	0.00, 0.08, 0.40, 0.38
HSL	48°, 25%, 50%
HSV	48°, 40%, 62%
XYZ	26.6883, 28.7732, 15.2135
YIQ	144.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

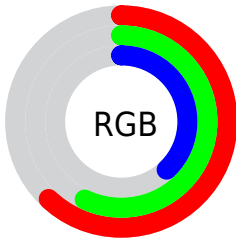
Format	Color
RYB	112, 159, 96
Decimal	10457696
CIELab	60.58, -2.68, 28.25
CIElCh	61, 28.381, 95.411
Yxy	28.7732, 0.3776, 0.4071
Android (android.graphics.Color)	4288647776 (0xFF9F9260)
YUV	144.1870, -23.7562, 12.9910
Hunter-Lab	53.6407, -5.0605, 20.7327

Details

The XYZ color **26.6883, 28.7732, 15.2135** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.5505, 15.9269, 35.0029**, and the grayscale version is **26.6713, 28.0603, 30.5576**.

A 20% lighter version of the original color is **53.9451, 57.8622, 35.9291**, and **10.6811, 11.6517, 4.5918** is the 20% darker color. If you saturate the color by 10%, you get **25.5309, 27.5138, 11.5742**, and if you desaturate by 10%, it is **28.0097, 30.1235, 19.6387**.

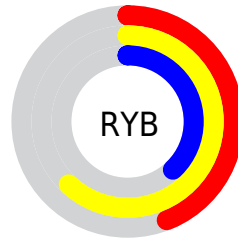
Distribution



Red (62%)

Green (57%)

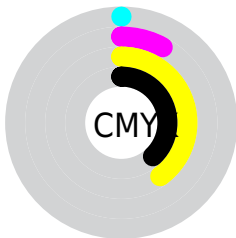
Blue (38%)



Red (44%)

Yellow (62%)

Blue (38%)

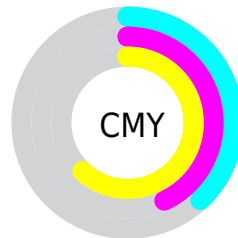


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6883, 28.7732, 15.2135 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 26.6883, 28.7732, 15.2135 by changing the saturation by 10% instead.

■ 26.6883, 28.7732,
15.2135

■ 26.6883, 28.7732,
15.2135

278.3399,
296.1433, 236.3400

■ 17.4746, 18.9093,
8.8211

■ 53.8067, 57.7165,
35.9749

■ 10.6709, 11.6048,
4.5294

■ 72.4422, 77.5648,
51.1809

■ 5.9116, 6.4752,
1.9201

■ 94.9489, 101.5100,
70.1619

■ 2.8316, 3.1361,
0.5055

■ 121.6924,
129.9365, 93.3364

■ 1.0653, 1.2032,
0.0000

153.0378,
163.2286, 121.1229

■ 0.0000, 0.0643,
0.0000

189.3507,

■ 0.0000, 0.0000,

201.7709, 153.9400

0.0000

230.9962,
245.9477, 192.2061

■ 26.6883, 28.7732,
15.2135

■ 26.6883, 28.7732,
15.2135

■ 25.5309, 27.5138,
11.5742

■ 28.0097, 30.1235,
19.6387

■ 24.5263, 26.3375,
8.6716

■ 29.5014, 31.5643,
24.8913

■ 23.6651, 25.2414,
6.4538

■ 31.1717, 33.1001,
31.0122

■ 22.9360, 24.2207,
4.8615

■ 33.0280, 34.7341,
38.0389

■ 22.3255, 23.2699,
3.8250

■ 35.0770, 36.4692,
46.0068

■ 21.8037, 22.3769,
3.1873

■ 37.3253, 38.3081,
54.9493

■ 21.7845, 22.3438,
3.1646

■ 39.7789, 40.2534,
64.8982

■ 42.4437, 42.3077,
75.8839

■ 45.3254, 44.4735,
87.9355

Harmonies

Analogous

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



30.3897, 28.7732, 16.3154



26.6883, 28.7732, 15.2135



23.4609, 28.7732, 17.5797

Triad

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



26.6883, 28.7732, 15.2135



21.9923, 28.7732, 44.5536



34.2771, 28.7732, 40.5100

Complementary

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



26.6883, 28.7732, 15.2135



16.5505, 15.9269, 35.0029

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.



31.6425, 28.7732, 50.8477



26.6883, 28.7732, 15.2135



24.5165, 28.7732, 53.5241

Square

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



26.6883, 28.7732, 15.2135



20.9093, 28.7732, 33.2729



28.0186, 28.7732, 56.0526



34.9891, 28.7732, 29.4626

Rectangle

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



26.6883, 28.7732, 15.2135



21.9422, 28.7732, 21.2028



28.0186, 28.7732, 56.0526



33.5761, 28.7732, 44.2544

Sweetspot

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



26.6890, 28.7745, 15.2141



55.0143, 58.5456, 52.5291



21.2766, 16.8552, 16.7845



12.3201, 13.1235, 11.5372



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.6890, 28.7745, 15.2141



45.8613, 49.4296, 21.1459



25.5197, 31.3168, 15.7664



7.0539, 7.4878, 7.0592



17.2364, 17.7084, 2.5096



0.3351, 0.3705, 0.0539

Inverse Universe

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



16.5505, 15.9269, 35.0029



25.0206, 23.0355, 61.8710



17.3611, 14.4367, 34.6725



6.3901, 6.6460, 8.3527



5.3935, 2.8785, 26.1786



0.1226, 0.1039, 0.4768

Previews

White Background



This preview shows how the XYZ color 26.6883, 28.7732, 15.2135 looks on a white background.

Color Contrast Check

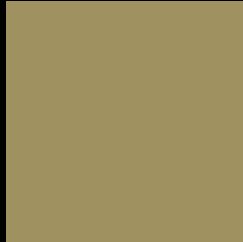
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6883, 28.7732, 15.2135 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 26.6883, 28.7732, 15.2135

Background



This preview shows how black text looks on a background with the XYZ color 26.6883, 28.7732, 15.2135.



This preview shows how white text looks on a background with the XYZ color 26.6883, 28.7732,

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

26.6883, 28.7732, 15.2135

Protanopia

26.6883, 28.7732, 15.2135

Deuteranopia

29.2149, 28.7332, 15.3155



Tritanopia

30.2547, 28.6666, 32.7928

Trichromacy



Original Color

26.6883, 28.7732, 15.2135

Protanomaly

26.6883, 28.7732, 15.2135

Deuteranomaly

28.1929, 28.6441, 15.3522

Tritanomaly

28.8065, 28.7442, 25.1490

Monochromacy



Original Color

26.6883, 28.7732, 15.2135

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3506, 28.1727, 24.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6883, 28.7732, 15.2135 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(159, 146, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 146, 96)  
}
```

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(159, 146, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 146, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.6883, 28.7732, 15.2135 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(159, 146, 96) }
```


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

```
.border{ border-color:rgb(159, 146, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 146, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 146, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 146, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 146,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6883, 28.7732, 15.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 146, 96) }
```

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

```
.background{ background-color: rgb(159,  
146, 96) }
```

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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