

Converting Colors

XYZ(26.7950, 31.0735, 9.8100)

Have a look what the booklet for
XYZ(26.7950, 31.0735, 9.8100)
contains.

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Color

**XYZ(26.8053, 31.1051,
9.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9B42
RGB	158, 155, 66
RGB Percent	62%, 61%, 26%
CMY	0.3804, 0.3921, 0.7412
CMYK	0.00, 0.02, 0.58, 0.38
HSL	58°, 41%, 44%
HSV	58°, 58%, 62%
XYZ	26.8053, 31.1051, 9.7454
YIQ	145.7510, 30.3570, -27.0430

Conversions

Conversions Part 2

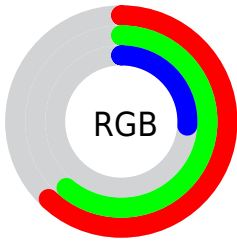
Format	Color
RYB	69, 158, 66
Decimal	10394434
CIELab	62.60, -10.89, 46.05
CIELCh	63, 47.317, 103.300
Yxy	31.1051, 0.3962, 0.4598
Android (android.graphics.Color)	4288584514 (0xFF9E9B42)
YUV	145.7510, -39.3172, 10.7424
Hunter-Lab	55.7719, -11.8096, 28.6802

Details

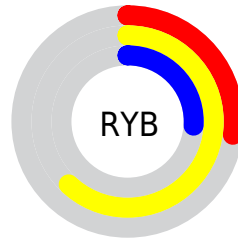
The XYZ color **26.8053, 31.1051, 9.7454** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.5466, 7.8831, 33.3135**, and the grayscale version is **27.3675, 28.7927, 31.3553**.

A 20% lighter version of the original color is **54.0357, 61.3324, 25.8200**, and **10.7256, 12.8702, 2.2667** is the 20% darker color. If you saturate the color by 10%, you get **26.3172, 30.7743, 7.5936**, and if you desaturate by 10%, it is **27.4239, 31.4910, 12.5764**.

Distribution



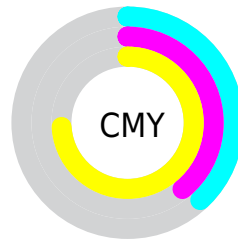
- Red (62%)
- Green (61%)
- Blue (26%)



- Red (27%)
- Yellow (62%)
- Blue (26%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8053, 31.1051, 9.7454 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 26.8053, 31.1051, 9.7454 by changing the saturation by 10% instead.

■ 26.8053, 31.1051,
9.7454

■ 26.8053, 31.1051,
9.7454

278.8979,
307.0222, 199.2635

■ 17.5629, 20.6789,
5.1271

■ 53.9934, 61.4055,
25.9158

■ 10.7344, 12.8895,
2.2620

■ 72.6697, 82.0485,
38.3050

■ 5.9545, 7.3525,
0.7098

■ 95.2215, 106.8659,
54.1215

■ 2.8578, 3.6835,
0.0000

■ 122.0139,
136.2420, 73.7839

■ 1.0790, 1.4981,
0.0000

■ 153.4124,
170.5613, 97.7108

■ 0.0075, 0.2874,
0.0000

189.7824,

■ 0.0000, 0.0000,

210.2082, 126.3207

0.0000

231.4891,
255.5670, 160.0321

■ 26.8053, 31.1051,
9.7454

■ 26.8053, 31.1051,
9.7454

■ 26.3172, 30.7743,
7.5936

■ 27.4239, 31.4910,
12.5764

■ 25.9466, 30.4899,
6.0616

■ 28.1805, 31.9315,
16.1353

■ 25.6815, 30.2483,
5.0834

■ 29.0845, 32.4316,
20.4690

■ 25.4983, 30.0400,
4.5349

■ 30.1440, 32.9945,
25.6195

■ 25.4680, 30.0040,
4.4491

■ 31.3664, 33.6231,
31.6260

■ 32.7586, 34.3202,
38.5251

■ 34.3273, 35.0885,
46.3513

■ 36.0785, 35.9304,
55.1373

■ 38.0183, 36.8483,
64.9141

Harmonies

Analogous

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



33.2691, 31.1051, 9.9848



26.8053, 31.1051, 9.7454



21.8565, 31.1051, 14.0539

Triad

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



26.8053, 31.1051, 9.7454



21.4343, 31.1051, 64.4909



43.0878, 31.1051, 45.1204

Complementary

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



26.8053, 31.1051, 9.7454



10.5466, 7.8831, 33.3135

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.



38.9000, 31.1051, 66.8051



26.8053, 31.1051, 9.7454



26.1456, 31.1051, 80.4813

Square

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



26.8053, 31.1051, 9.7454



19.0733, 31.1051, 42.7028



32.5068, 31.1051, 81.4556



43.3329, 31.1051, 26.3447

Rectangle

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



26.8053, 31.1051, 9.7454



19.8211, 31.1051, 20.2974



32.5068, 31.1051, 81.4556



42.0696, 31.1051, 52.4409

Sweetspot

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



26.8060, 31.1065, 9.7460



54.9276, 60.0150, 47.4356



17.1253, 11.5964, 6.9773



12.2963, 13.4848, 10.2685



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.



26.8060, 31.1065, 9.7460



47.5585, 55.7149, 12.7998



20.2895, 28.4966, 9.5857



7.1516, 7.6833, 7.0918



20.4031, 24.0418, 3.5652



0.3700, 0.4402, 0.0655

Inverse Universe

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



10.5466, 7.8831, 33.3135



15.1797, 9.4816, 59.7735



14.4186, 9.6125, 33.4432



6.3012, 6.4682, 8.3231



4.9933, 2.0781, 26.0452



0.0938, 0.0462, 0.4672

Previews

White Background



This preview shows how the XYZ color 26.8053, 31.1051, 9.7454 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.8053, 31.1051, 9.7454 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 ✓ Pass

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

XYZ 26.8053, 31.1051, 9.7454

Background



This preview shows how black text looks on a background with the XYZ color 26.8053, 31.1051, 9.7454.



This preview shows how white text looks on a background with the XYZ color 26.8053, 31.1051,

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

26.8053, 31.1051, 9.7454

Protanopia

28.3308, 31.1630, 9.5229

Deuteranopia

31.5410, 30.9410, 9.9400



Tritanopia

32.3010, 31.2076, 36.2195

Trichromacy



Original Color

26.8053, 31.1051, 9.7454

Protanomaly

27.6552, 31.0566, 9.5380

Deuteranomaly

29.5378, 30.8273, 9.8623

Tritanomaly

29.6954, 30.8426, 23.4569

Monochromacy



Original Color

26.8053, 31.1051, 9.7454

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5360, 29.2633, 21.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8053, 31.1051, 9.7454 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(158, 155, 66)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 66)  
}
```

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(158, 155, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 66) }
```

Border

The CSS property to change the border of an element to XYZ 26.8053, 31.1051, 9.7454 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(158, 155, 66) }
```


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

```
.border{ border-color:rgb(158, 155, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 66);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8053, 31.1051, 9.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 66) }
```

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

```
.background{ background-color: rgb(158,  
155, 66) }
```

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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