

Converting Colors

XYZ(26.2545, 31.4937, 15.9500)

Have a look what the booklet for
XYZ(26.2545, 31.4937, 15.9500)
contains.

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Color

**XYZ(26.2386, 31.4278,
15.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	929E61
RGB	146, 158, 97
RGB Percent	57%, 62%, 38%
CMY	0.4275, 0.3804, 0.6196
CMYK	0.08, 0.00, 0.39, 0.38
HSL	72°, 24%, 50%
HSV	72°, 39%, 62%
XYZ	26.2386, 31.4278, 15.9925
YIQ	147.4580, 12.4290, -21.5150

Conversions

Conversions Part 2

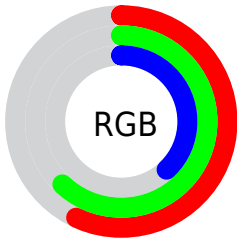
Format	Color
RYB	97, 158, 109
Decimal	9608801
CIELab	62.87, -14.38, 30.45
CIELCh	63, 33.679, 115.275
Yxy	31.4278, 0.3562, 0.4267
Android (android.graphics.Color)	4287798881 (0xFF929E61)
YUV	147.4580, -24.8758, -1.2787
Hunter-Lab	56.0605, -14.5606, 22.3286

Details

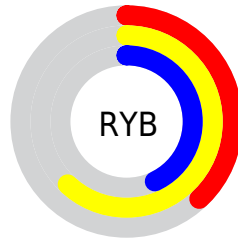
The XYZ color **26.2386, 31.4278, 15.9925** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7541, 14.2700, 34.2209**, and the grayscale version is **28.0200, 29.4792, 32.1028**.

A 20% lighter version of the original color is **53.2269, 62.1441, 37.2066**, and **10.4282, 13.1168, 4.8879** is the 20% darker color. If you saturate the color by 10%, you get **25.0291, 30.8821, 12.4659**, and if you desaturate by 10%, it is **27.6114, 32.0428, 20.2940**.

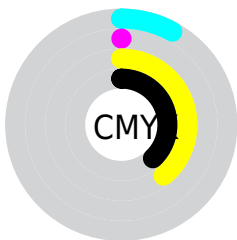
Distribution



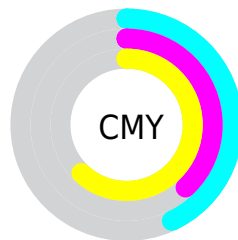
- Red (57%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (43%)



- Cyan (8%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)



- Cyan (43%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2386, 31.4278, 15.9925 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 26.2386, 31.4278, 15.9925 by changing the saturation by 10% instead.

■ 26.2386, 31.4278,
15.9925

■ 26.2386, 31.4278,
15.9925

276.1867,
308.5044, 241.1417

■ 17.1358, 20.9248,
9.3645

■ 53.0882, 61.9130,
37.3518

■ 10.4273, 13.0691,
4.8797

■ 71.5657, 82.6640,
52.9202

■ 5.7476, 7.4761,
2.1193

■ 93.8989, 107.5997,
72.3059

■ 2.7314, 3.7616,
0.6272

■ 120.4530,
137.1047, 95.9273

■ 1.0134, 1.5411,
0.0000

151.5935,
171.5633, 124.2031

■ 0.0000, 0.3174,
0.0000

187.6857,

■ 0.0000, 0.0000,

211.3598, 157.5517

0.0000

229.0950,
256.8787, 196.3917

■ 26.2386, 31.4278,
15.9925

■ 26.2386, 31.4278,
15.9925

■ 25.0291, 30.8821,
12.4659

■ 27.6114, 32.0428,
20.2940

■ 23.9718, 30.3979,
9.6661

■ 29.1535, 32.7260,
25.4108

■ 23.0576, 29.9727,
7.5427


■ 30.8730, 33.4821,
31.3828


■ 22.2755, 29.6020,
6.0380


■ 32.7772, 34.3138,
38.2467


■ 21.6125, 29.2806,
5.0849


■ 34.8726, 35.2238,
46.0371


 21.0435, 28.9985,
4.5513

 37.1657, 36.2146,
54.7868

 20.9669, 28.9604,
4.4848

 39.6624, 37.2887,
64.5268

 42.3686, 38.4484,
75.2869

 45.2896, 39.6959,
87.0956

Harmonies

Analogous

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



30.6084, 31.4278, 14.6199



26.2386, 31.4278, 15.9925



23.1523, 31.4278, 21.6833

Triad

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



26.2386, 31.4278, 15.9925



25.0940, 31.4278, 59.6600



39.6214, 31.4278, 36.3568

Complementary

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



26.2386, 31.4278, 15.9925



16.7541, 14.2700, 34.2209

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.



37.7784, 31.4278, 50.8426



26.2386, 31.4278, 15.9925



29.1459, 31.4278, 66.3287

Square

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



26.2386, 31.4278, 15.9925



22.5408, 31.4278, 46.2642



33.8245, 31.4278, 62.7454



38.6400, 31.4278, 24.4709

Rectangle

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



26.2386, 31.4278, 15.9925



22.0811, 31.4278, 28.1552



33.8245, 31.4278, 62.7454



39.3067, 31.4278, 41.0976

Sweetspot

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



26.2394, 31.4292, 15.9932



54.8917, 60.2865, 52.8716



21.6412, 18.8969, 13.8165



12.2898, 13.5539, 11.6219



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.



26.2394, 31.4292, 15.9932



45.8058, 56.2402, 23.6356



21.6303, 29.0531, 15.7775



7.0422, 7.6544, 7.0919



16.8233, 23.2095, 3.5932



0.3308, 0.4304, 0.0657

Inverse Universe

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



16.7541, 14.2700, 34.2209



26.1925, 20.7338, 61.3650



21.0420, 16.4805, 34.4216



6.4006, 6.4950, 8.3230



5.4244, 2.2254, 26.0509



0.1261, 0.0548, 0.4672

Previews

White Background



This preview shows how the XYZ color 26.2386, 31.4278, 15.9925 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 26.2386, 31.4278, 15.9925 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 26.2386, 31.4278, 15.9925

Background



This preview shows how black text looks on a background with the XYZ color 26.2386, 31.4278, 15.9925.



This preview shows how white text looks on a background with the XYZ color 26.2386, 31.4278,

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

26.2386, 31.4278, 15.9925

Protanopia

29.0197, 31.3897, 15.3558

Deuteranopia

31.7171, 31.1160, 16.3909



Tritanopia

30.7544, 31.2914, 38.6013

Trichromacy



Original Color

26.2386, 31.4278, 15.9925

Protanomaly

27.9650, 31.3267, 15.6391

Deuteranomaly

29.5207, 31.1486, 16.2607

Tritanomaly

28.7412, 31.1968, 28.5515

Monochromacy



Original Color

26.2386, 31.4278, 15.9925

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0617, 29.9212, 25.1180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2386, 31.4278, 15.9925 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(146, 158, 97)` looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 97)  
}
```

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(146, 158, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.2386, 31.4278, 15.9925 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(146, 158, 97) }
```


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

```
.border{ border-color:rgb(146, 158, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 158, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 97);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2386, 31.4278, 15.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 97) }
```

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

```
.background{ background-color: rgb(146,  
158, 97) }
```

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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