

Converting Colors

XYZ(26.2925, 32.0835, 13.1179)

Have a look what the booklet for
XYZ(26.2925, 32.0835, 13.1179)
contains.

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Color

**XYZ(26.2037, 31.9847,
13.1801)**

Conversions

Conversions Part 1

Format	Color
Hex	93A054
RGB	147, 160, 84
RGB Percent	58%, 63%, 33%
CMY	0.4235, 0.3725, 0.6706
CMYK	0.08, 0.00, 0.47, 0.37
HSL	70°, 31%, 48%
HSV	70°, 47%, 63%
XYZ	26.2037, 31.9847, 13.1801
YIQ	147.4490, 16.6480, -26.3920

Conversions

Conversions Part 2

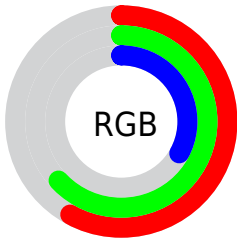
Format	Color
RYB	84, 160, 97
Decimal	9674836
CIELab	63.33, -16.52, 37.84
CIELCh	63, 41.290, 113.585
Yxy	31.9847, 0.3672, 0.4482
Android (android.graphics.Color)	4287864916 (0xFF93A054)
YUV	147.4490, -31.2804, -0.3938
Hunter-Lab	56.5550, -16.2667, 25.7710

Details

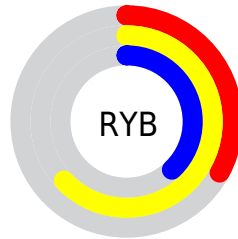
The XYZ color **26.2037, 31.9847, 13.1801** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.4464, 11.4209, 34.7025**, and the grayscale version is **28.0407, 29.5010, 32.1266**.

A 20% lighter version of the original color is **53.0307, 62.9067, 32.2689**, and **10.4913, 13.4915, 3.6413** is the 20% darker color. If you saturate the color by 10%, you get **25.1625, 31.5133, 10.2256**, and if you desaturate by 10%, it is **27.4013, 32.5223, 16.8905**.

Distribution



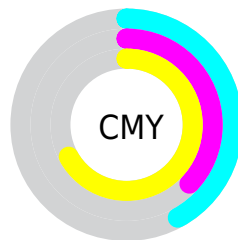
- Red (58%)
- Green (63%)
- Blue (33%)



- Red (33%)
- Yellow (63%)
- Blue (38%)



- Cyan (8%)
- Magenta (0%)
- Yellow (47%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2037, 31.9847, 13.1801 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 26.2037, 31.9847, 13.1801 by changing the saturation by 10% instead.

■ 26.2037, 31.9847,
13.1801

■ 26.2037, 31.9847,
13.1801

276.0190,
311.0496, 223.3169

■ 17.1096, 21.3498,
7.4205

■ 53.0323, 62.7871,
32.3229

■ 10.4084, 13.3799,
3.6440

■ 71.4976, 83.7234,
46.5431

■ 5.7349, 7.6907,
1.4322

■ 93.8172, 108.8623,
64.4207

■ 2.7237, 3.8977,
0.1666

■ 120.3566,
138.5882, 86.3741

■ 1.0094, 1.6165,
0.0000

■ 151.4811,
173.2855, 112.8219

■ 0.0000, 0.3687,
0.0000

187.5561,

■ 0.0000, 0.0000,

213.3385, 144.1826

0.0000

228.9470,
259.1318, 180.8747

■ 26.2037, 31.9847,
13.1801

■ 26.2037, 31.9847,
13.1801

■ 25.1625, 31.5133,
10.2256

■ 27.4013, 32.5223,
16.8905

■ 24.2654, 31.0998,
7.9729

■ 28.7621, 33.1253,
21.4018

■ 23.5020, 30.7410,
6.3641

■ 30.2951, 33.7986,
26.7581

■ 22.8592, 30.4319,
5.3310

■ 32.0079, 34.5453,
32.9994

■ 22.3157, 30.1637,
4.7609

■ 33.9079, 35.3681,
40.1635

■ 22.1857, 30.0993,
4.6404

■ 36.0017, 36.2700,
48.2857

■ 38.2960, 37.2533,
57.3996

■ 40.7967, 38.3207,
67.5372

■ 43.5099, 39.4745,
78.7290

Harmonies

Analogous

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



31.6477, 31.9847, 11.9457



26.2037, 31.9847, 13.1801



22.3714, 31.9847, 19.2576

Triad

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



26.2037, 31.9847, 13.1801



24.3203, 31.9847, 66.8724



42.7101, 31.9847, 38.4703

Complementary

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



26.2037, 31.9847, 13.1801



14.4464, 11.4209, 34.7025

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.



40.1520, 31.9847, 57.1050



26.2037, 31.9847, 13.1801



29.1865, 31.9847, 76.5110

Square

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



26.2037, 31.9847, 13.1801



21.3833, 31.9847, 49.0306



35.0231, 31.9847, 72.4660



41.6516, 31.9847, 23.6696

Rectangle

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



26.2037, 31.9847, 13.1801



21.0130, 31.9847, 26.6515



35.0231, 31.9847, 72.4660



42.2353, 31.9847, 44.5211

Sweetspot

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



26.2045, 31.9861, 13.1808



55.9724, 61.7885, 52.0635



20.3425, 16.6025, 10.5204



12.1410, 13.4924, 10.9334



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.



26.2045, 31.9861, 13.1808



45.5806, 57.1682, 18.2857



20.5199, 29.0556, 12.9147



7.0587, 7.6629, 7.0927



17.3137, 23.4623, 3.6161



0.3364, 0.4334, 0.0659

Inverse Universe

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



14.4464, 11.4209, 34.7025



21.6383, 15.2407, 62.1878



19.4546, 14.0027, 34.9369



6.3853, 6.4871, 8.3223



5.3298, 2.1766, 26.0465



0.1211, 0.0522, 0.4669

Previews

White Background



This preview shows how the XYZ color 26.2037, 31.9847, 13.1801 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 26.2037, 31.9847, 13.1801 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 26.2037, 31.9847, 13.1801

Background



This preview shows how black text looks on a background with the XYZ color 26.2037, 31.9847, 13.1801.



This preview shows how white text looks on a background with the XYZ color 26.2037, 31.9847,

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

26.2037, 31.9847, 13.1801

Protanopia

29.2764, 31.8267, 12.5828

Deuteranopia

32.4927, 31.8107, 13.4444



Tritanopia

31.3878, 31.8455, 39.1428

Trichromacy



Original Color

26.2037, 31.9847, 13.1801

Protanomaly

28.1477, 31.9785, 12.8725

Deuteranomaly

29.7596, 31.5758, 13.3303

Tritanomaly

28.9955, 31.6047, 27.1264

Monochromacy



Original Color

26.2037, 31.9847, 13.1801

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8989, 30.1148, 23.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2037, 31.9847, 13.1801 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, 160, 84)` looks like.

```
.text, #text, p{  
    color:rgb(147, 160, 84)  
}
```

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, 160, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 160, 84) }
```

Border

The CSS property to change the border of an element to XYZ 26.2037, 31.9847, 13.1801 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, 160, 84) }
```


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

```
.border{ border-color:rgb(147, 160, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 160, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 160, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 160, 84);  
box-shadow:4px 4px 4px 4px rgb(147, 160,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2037, 31.9847, 13.1801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 160, 84) }
```

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

```
.background{ background-color: rgb(147,  
160, 84) }
```

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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