

Converting Colors

XYZ(26.6764, 31.9184, 15.5813)

Have a look what the booklet for
XYZ(26.6764, 31.9184, 15.5813)
contains.

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Color

**XYZ(26.6764, 31.9184,
15.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	949F5F
RGB	148, 159, 95
RGB Percent	58%, 62%, 37%
CMY	0.4196, 0.3765, 0.6274
CMYK	0.07, 0.00, 0.40, 0.38
HSL	70°, 25%, 50%
HSV	70°, 40%, 62%
XYZ	26.6764, 31.9184, 15.5813
YIQ	148.4150, 13.9880, -22.2360

Conversions

Conversions Part 2

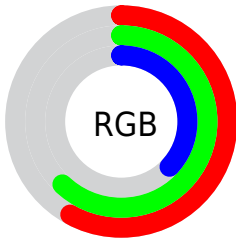
Format	Color
RYB	95, 159, 106
Decimal	9740127
CIELab	63.28, -14.34, 32.07
CIELCh	63, 35.130, 114.089
Yxy	31.9184, 0.3596, 0.4303
Android (android.graphics.Color)	4287930207 (0xFF949F5F)
YUV	148.4150, -26.3336, -0.3640
Hunter-Lab	56.4964, -14.5847, 23.1957

Details

The XYZ color **26.6764, 31.9184, 15.5813** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2953, 13.7526, 34.5984**, and the grayscale version is **28.4250, 29.9053, 32.5669**.

A 20% lighter version of the original color is **53.8635, 62.8650, 36.4894**, and **10.6995, 13.4172, 4.7152** is the 20% darker color. If you saturate the color by 10%, you get **25.5378, 31.4076, 12.1328**, and if you desaturate by 10%, it is **27.9758, 32.4971, 19.8088**.

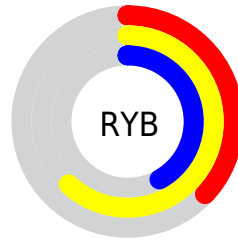
Distribution



Red (58%)

Green (62%)

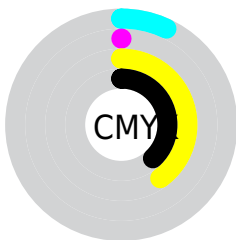
Blue (37%)



Red (37%)

Yellow (62%)

Blue (42%)

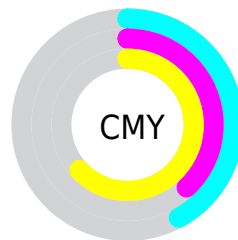


Cyan (7%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6764, 31.9184, 15.5813 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 26.6764, 31.9184, 15.5813 by changing the saturation by 10% instead.

■ 26.6764, 31.9184,
15.5813

■ 26.6764, 31.9184,
15.5813

278.2831,
310.7474, 238.6190

■ 17.4657, 21.2992,
9.0772

■ 53.7877, 62.6831,
36.6264

■ 10.6644, 13.3429,
4.6941

■ 72.4190, 83.5975,
52.0045

■ 5.9073, 7.6651,
2.0133

■ 94.9212, 108.7123,
71.1777

■ 2.8289, 3.8814,
0.5635

■ 121.6597,
138.4119, 94.5645

■ 1.0639, 1.6074,
0.0000

152.9997,
173.0809, 122.5835

■ 0.0000, 0.3626,
0.0000

189.3067,

■ 0.0000, 0.0000,

213.1035, 155.6532

0.0000

230.9461,
258.8642, 194.1922

■ 26.6764, 31.9184,
15.5813

■ 26.6764, 31.9184,
15.5813

■ 25.5378, 31.4076,
12.1328

■ 27.9758, 32.4971,
19.8088

■ 24.5485, 30.9568,
9.4135

■ 29.4420, 33.1427,
24.8567

■ 23.6993, 30.5633,
7.3714


■ 31.0836, 33.8599,
30.7661


■ 22.9786, 30.2226,
5.9466


■ 32.9077, 34.6515,
37.5747


■ 22.3730, 29.9292,
5.0686


■ 34.9212, 35.5201,
45.3179

 21.8624, 29.6763,
4.5758

 37.1305, 36.4686,
54.0293

 39.5417, 37.4991,
63.7407

 42.1608, 38.6143,
74.4825

 44.9932, 39.8162,
86.2840

Harmonies

Analogous

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



31.3113, 31.9184, 14.3326



26.6764, 31.9184, 15.5813



23.3726, 31.9184, 21.2868

Triad

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



26.6764, 31.9184, 15.5813



25.1738, 31.9184, 61.2893



40.6288, 31.9184, 37.5869

Complementary

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



26.6764, 31.9184, 15.5813



16.2953, 13.7526, 34.5984

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.



38.5644, 31.9184, 52.9593



26.6764, 31.9184, 15.5813



29.3841, 31.9184, 68.8037

Square

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



26.6764, 31.9184, 15.5813



22.5722, 31.9184, 46.8789



34.3191, 31.9184, 65.4062



39.7062, 31.9184, 24.9234

Rectangle

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



26.6764, 31.9184, 15.5813



22.1994, 31.9184, 27.9130



34.3191, 31.9184, 65.4062



40.2549, 31.9184, 42.6296

Sweetspot

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



26.6772, 31.9198, 15.5820



55.0583, 60.3724, 52.8794



21.4845, 18.4375, 13.2533



12.3309, 13.5752, 11.6238



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.



26.6772, 31.9198, 15.5820



45.9906, 56.3613, 22.4770



21.7117, 29.3600, 15.3496



7.0582, 7.6626, 7.0927



17.2973, 23.4538, 3.6154



0.3362, 0.4333, 0.0659

Inverse Universe

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



16.2953, 13.7526, 34.5984



24.8854, 19.4021, 61.1768



20.7774, 16.0632, 34.8082



6.3858, 6.4874, 8.3223



5.3327, 2.1781, 26.0466



0.1213, 0.0523, 0.4669

Previews

White Background



This preview shows how the XYZ color 26.6764, 31.9184, 15.5813 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 26.6764, 31.9184, 15.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

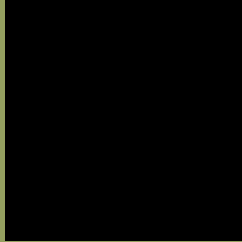
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6764, 31.9184, 15.5813

Background



This preview shows how black text looks on a background with the XYZ color 26.6764, 31.9184, 15.5813.



This preview shows how white text looks on a background with the XYZ color 26.6764, 31.9184,

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

26.6764, 31.9184, 15.5813

Protanopia

29.3034, 31.7883, 14.9472

Deuteranopia

32.2507, 31.6300, 15.9607



Tritanopia

31.3878, 31.8455, 39.1428

Trichromacy



Original Color

26.6764, 31.9184, 15.5813

Protanomaly

28.2389, 31.7244, 15.2248

Deuteranomaly

30.0189, 31.6542, 15.8370

Tritanomaly

29.2799, 31.7185, 28.6238

Monochromacy



Original Color

26.6764, 31.9184, 15.5813

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4034, 30.3374, 25.1803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6764, 31.9184, 15.5813 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(148, 159, 95)` looks like.

```
.text, #text, p{  
    color:rgb(148, 159, 95)  
}
```

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(148, 159, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 159, 95) }
```

Border

The CSS property to change the border of an element to XYZ 26.6764, 31.9184, 15.5813 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(148, 159, 95) }
```


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

```
.border{ border-color:rgb(148, 159, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 159, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 159, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 159, 95);  
box-shadow:4px 4px 4px 4px rgb(148, 159,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6764, 31.9184, 15.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 159, 95) }
```

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

```
.background{ background-color: rgb(148,  
159, 95) }
```

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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