

Converting Colors

XYZ(26.0111, 31.5701, 15.7890)

Have a look what the booklet for
XYZ(26.0111, 31.5701, 15.7890)
contains.

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Color

**XYZ(26.0111, 31.5701,
15.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	909F60
RGB	144, 159, 96
RGB Percent	56%, 62%, 38%
CMY	0.4353, 0.3765, 0.6235
CMYK	0.09, 0.00, 0.40, 0.38
HSL	74°, 25%, 50%
HSV	74°, 40%, 62%
XYZ	26.0111, 31.5701, 15.7890
YIQ	147.3330, 11.2830, -22.7730

Conversions

Conversions Part 2

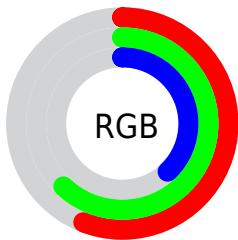
Format	Color
RYB	96, 159, 111
Decimal	9477984
CIELab	62.99, -15.84, 31.11
CIELCh	63, 34.907, 116.978
Yxy	31.5701, 0.3545, 0.4303
Android (android.graphics.Color)	4287668064 (0xFF909F60)
YUV	147.3330, -25.3072, -2.9230
Hunter-Lab	56.1873, -15.6937, 22.6702

Details

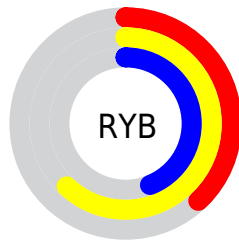
The XYZ color **26.0111, 31.5701, 15.7890** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9976, 14.2492, 34.6572**, and the grayscale version is **27.9701, 29.4267, 32.0457**.

A 20% lighter version of the original color is **52.8662, 62.3418, 36.8506**, and **10.3097, 13.2138, 4.8035** is the 20% darker color. If you saturate the color by 10%, you get **24.7018, 30.9724, 12.2854**, and if you desaturate by 10%, it is **27.4922, 32.2413, 20.0749**.

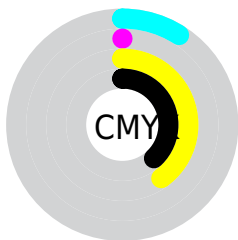
Distribution



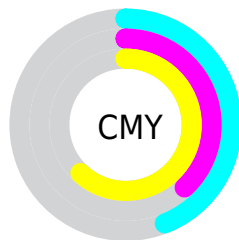
- Red (56%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (44%)



- Cyan (9%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0111, 31.5701, 15.7890 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 26.0111, 31.5701, 15.7890 by changing the saturation by 10% instead.

■ 26.0111, 31.5701,
15.7890

■ 26.0111, 31.5701,
15.7890

275.0923,
309.1562, 239.8965

■ 16.9647, 21.0333,
9.2222

■ 52.7240, 62.1365,
36.9932

■ 10.3045, 13.1484,
4.7876

■ 71.1212, 82.9350,
52.4677

■ 5.6651, 7.5308,
2.0667

■ 93.3661, 107.9228,
71.7485

■ 2.6812, 3.7962,
0.5958

■ 119.8239,
137.4844, 95.2542

■ 0.9875, 1.5602,
0.0000

150.8601,
172.0042, 123.4033

■ 0.0000, 0.3306,
0.0000

186.8400,

■ 0.0000, 0.0000,

211.8664, 156.6144

0.0000

228.1289,
257.4557, 195.3059

■ 26.0111, 31.5701,
15.7890

■ 26.0111, 31.5701,
15.7890

■ 24.7018, 30.9724,
12.2854

■ 27.4922, 32.2413,
20.0749

■ 23.5528, 30.4402,
9.5147

■ 29.1513, 32.9853,
25.1843

■ 22.5548, 29.9709,
7.4251


■ 30.9969, 33.8064,
31.1582


■ 21.6961, 29.5598,
5.9573


■ 33.0365, 34.7077,
38.0341


■ 20.9635, 29.2016,
5.0416

■ 35.2768, 35.6921,
45.8472


 20.3267, 28.8842,
4.5211

 37.7245, 36.7620,
54.6311

 20.3034, 28.8726,
4.5029

 40.3858, 37.9201,
64.4175

 43.2666, 39.1687,
75.2368

 46.3727, 40.5102,
87.1180

Harmonies

Analogous

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



30.4957, 31.5701, 14.1581



26.0111, 31.5701, 15.7890



22.9139, 31.5701, 21.8878

Triad

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



26.0111, 31.5701, 15.7890



25.2524, 31.5701, 61.6425



40.1993, 31.5701, 35.7870

Complementary

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



26.0111, 31.5701, 15.7890



16.9976, 14.2492, 34.6572

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.



38.4296, 31.5701, 50.8856



26.0111, 31.5701, 15.7890



29.5225, 31.5701, 68.1044

Square

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



26.0111, 31.5701, 15.7890



22.5097, 31.5701, 47.8144



34.3913, 31.5701, 63.7224



39.0063, 31.5701, 23.7234

Rectangle

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



26.0111, 31.5701, 15.7890



21.8824, 31.5701, 28.7557



34.3913, 31.5701, 63.7224



39.9271, 31.5701, 40.6812

Sweetspot

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



26.0119, 31.5715, 15.7897



54.6158, 60.1442, 52.8586



22.0622, 19.5199, 13.6716



12.2217, 13.5188, 11.6187



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.



26.0119, 31.5715, 15.7897



44.3933, 55.5379, 22.4023



21.2948, 29.1398, 15.5689



7.0157, 7.6407, 7.0907



16.0737, 22.8230, 3.5581



0.3220, 0.4259, 0.0652

Inverse Universe

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



16.9976, 14.2492, 34.6572



25.8703, 19.9099, 61.2229



21.6316, 16.6382, 34.8740



6.4253, 6.5077, 8.3241



5.6027, 2.3173, 26.0592



0.1340, 0.0589, 0.4675

Previews

White Background



This preview shows how the XYZ color 26.0111, 31.5701, 15.7890 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 26.0111, 31.5701, 15.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

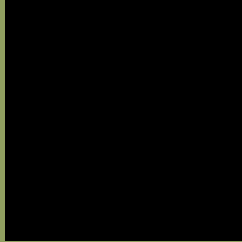
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0111, 31.5701, 15.7890

Background



This preview shows how black text looks on a background with the XYZ color 26.0111, 31.5701, 15.7890.



This preview shows how white text looks on a background with the XYZ color 26.0111, 31.5701,

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

26.0111, 31.5701, 15.7890

Protanopia

28.9299, 31.3538, 14.8830

Deuteranopia

31.9060, 31.2189, 16.1486



Tritanopia

30.8143, 31.5499, 39.1160

Trichromacy



Original Color

26.0111, 31.5701, 15.7890

Protanomaly

27.8423, 31.5199, 15.2062

Deuteranomaly

29.4731, 31.1296, 16.0105

Tritanomaly

28.7935, 31.4593, 28.9808

Monochromacy



Original Color

26.0111, 31.5701, 15.7890

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8170, 29.8027, 24.7612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0111, 31.5701, 15.7890 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(144, 159, 96)` looks like.

```
.text, #text, p{  
    color:rgb(144, 159, 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(144, 159, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 159, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.0111, 31.5701, 15.7890 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(144, 159, 96) }
```


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

```
.border{ border-color:rgb(144, 159, 96) }
```

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

Here you see how a box with a 4 pixel rgb(144, 159, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 159, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 159, 96);  
box-shadow:4px 4px 4px 4px rgb(144, 159,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0111, 31.5701, 15.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 159, 96) }
```

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

```
.background{ background-color: rgb(144,  
159, 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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