

Converting Colors

XYZ(26.3434, 31.6358, 24.9681)

Have a look what the booklet for
XYZ(26.3434, 31.6358, 24.9681)
contains.

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Color

**XYZ(26.2861, 31.5057,
25.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	879F80
RGB	135, 159, 128
RGB Percent	53%, 62%, 50%
CMY	0.4706, 0.3765, 0.4980
CMYK	0.15, 0.00, 0.19, 0.38
HSL	106°, 14%, 56%
HSV	106°, 19%, 62%
XYZ	26.2861, 31.5057, 25.1179
YIQ	148.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

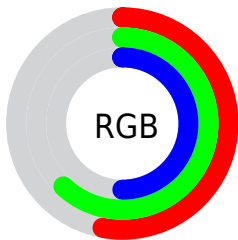
Format	Color
RYB	128, 159, 152
Decimal	8888192
CIELab	62.93, -14.46, 13.43
CIELCh	63, 19.737, 137.124
Yxy	31.5057, 0.3170, 0.3800
Android (android.graphics.Color)	4287078272 (0xFF879F80)
YUV	148.2900, -10.0030, -11.6553
Hunter-Lab	56.1299, -14.6344, 12.7589

Details

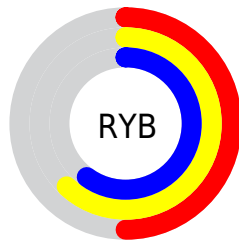
The XYZ color **26.2861, 31.5057, 25.1179** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.9274, 24.6179, 36.1351**, and the grayscale version is **28.3119, 29.7863, 32.4373**.

A 20% lighter version of the original color is **53.3733, 62.2481, 52.9181**, and **10.5202, 13.2209, 9.3946** is the 20% darker color. If you saturate the color by 10%, you get **23.4531, 30.1578, 19.9437**, and if you desaturate by 10%, it is **29.5138, 33.0400, 31.1681**.

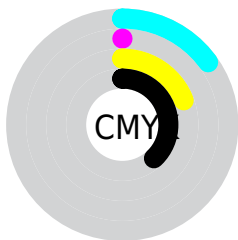
Distribution



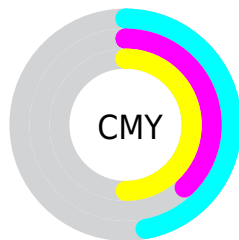
- Red (53%)
- Green (62%)
- Blue (50%)



- Red (50%)
- Yellow (62%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2861, 31.5057, 25.1179 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 26.2861, 31.5057, 25.1179 by changing the saturation by 10% instead.

■ 26.2861, 31.5057,
25.1179

■ 26.2861, 31.5057,
25.1179

276.4147,
308.8614, 291.8910

■ 17.1716, 20.9842,
15.9451

■ 53.1642, 62.0354,
52.8149

■ 10.4530, 13.1125,
9.3314

■ 71.6584, 82.8124,
72.1762

■ 5.7649, 7.5060,
4.8582

■ 94.0100, 107.7767,
95.7708

■ 2.7419, 3.7805,
2.1070

120.5842,
137.3126, 124.0171

■ 1.0188, 1.5516,
0.6199

151.7464,
171.8047, 157.3337

■ 0.0000, 0.3246,
0.0000

187.8620,

■ 0.0000, 0.0000,

211.6372, 196.1392

0.0000

229.2963,
257.1947, 240.8522

■ 26.2861, 31.5057,
25.1179

■ 26.2861, 31.5057,
25.1179

■ 23.4531, 30.1578,
19.9437

■ 29.5138, 33.0400,
31.1681

■ 20.9971, 28.9852,
15.6029

■ 33.1484, 34.7634,
38.1300

■ 18.9023, 27.9817,
12.0525


■ 37.2043, 36.6834,
46.0399


■ 17.1511, 27.1393,
9.2448


■ 41.6947, 38.8061,
54.9316


■ 15.7243, 26.4491,
7.1271


■ 46.6322, 41.1374,
64.8372


 14.6006, 25.9016,
5.6396


 52.0287, 43.6826,
75.7871


 13.7559, 25.4857,
4.7123

 57.8959, 46.4472,
87.8108

 13.1488, 25.1837,
4.1909

 64.2118, 49.4230,
100.7630

 13.1228, 25.1708,
4.1668

 68.3834, 51.5736,
100.9582

Harmonies

Analogous

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



28.4368, 31.5057, 21.9260



26.2861, 31.5057, 25.1179



25.1466, 31.5057, 31.0846

Triad

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



26.2861, 31.5057, 25.1179



28.7988, 31.5057, 51.0088



35.2070, 31.5057, 30.0947

Complementary

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



26.2861, 31.5057, 25.1179



26.9274, 24.6179, 36.1351

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.



35.3185, 31.5057, 37.7391



26.2861, 31.5057, 25.1179



31.5061, 31.5057, 50.6367

Square

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



26.2861, 31.5057, 25.1179



26.5373, 31.5057, 46.4459



33.9291, 31.5057, 45.4952



33.6331, 31.5057, 24.4878

Rectangle

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



26.2861, 31.5057, 25.1179



25.0658, 31.5057, 36.1888



33.9291, 31.5057, 45.4952



35.4200, 31.5057, 32.4865

Sweetspot

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



26.2869, 31.5071, 25.1186



54.9734, 60.1742, 59.8488



29.3861, 31.3117, 24.9175



12.3072, 13.5252, 13.3279



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.



26.2869, 31.5071, 25.1186



44.9934, 55.4329, 41.1489



25.7641, 31.1721, 28.0517



6.6839, 7.4697, 7.0752



10.3956, 19.8958, 3.2924



0.2183, 0.3725, 0.0604

Inverse Universe

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



26.9274, 24.6179, 36.1351



46.3325, 41.0065, 64.2165



27.5827, 25.0358, 32.5447



6.7576, 6.6790, 8.3397



11.4432, 5.3282, 26.3326



0.2379, 0.1124, 0.4724

Previews

White Background



This preview shows how the XYZ color 26.2861, 31.5057, 25.1179 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 26.2861, 31.5057, 25.1179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

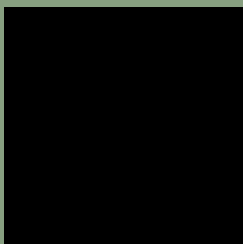
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2861, 31.5057, 25.1179

Background



This preview shows how black text looks on a background with the XYZ color 26.2861, 31.5057, 25.1179.



This preview shows how white text looks on a background with the XYZ color 26.2861, 31.5057,

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

26.2861, 31.5057, 25.1179

Protanopia

29.5643, 31.4888, 23.5885

Deuteranopia

31.8312, 31.1951, 25.8163



Tritanopia

29.4230, 31.5271, 40.6110

Trichromacy



Original Color

26.2861, 31.5057, 25.1179

Protanomaly

28.3719, 31.5988, 24.0058

Deuteranomaly

29.5931, 31.2185, 25.5851

Tritanomaly

28.2034, 31.5329, 34.3057

Monochromacy



Original Color

26.2861, 31.5057, 25.1179

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.3636, 30.2192, 29.5900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2861, 31.5057, 25.1179 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(135, 159, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 159, 128)  
}
```

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(135, 159, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 159, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.2861, 31.5057, 25.1179 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(135, 159, 128) }
```


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

```
.border{ border-color:rgb(135, 159, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 159, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 159, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 159, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 159,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2861, 31.5057, 25.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 159, 128) }
```

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

```
.background{ background-color: rgb(135,  
159, 128) }
```

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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