

Converting Colors

XYZ(27.1757, 26.0762, 41.1077)

Have a look what the booklet for
XYZ(27.1757, 26.0762, 41.1077)
contains.

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Color

**XYZ(27.1531, 26.0322,
41.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	8F87A9
RGB	143, 135, 169
RGB Percent	56%, 53%, 66%
CMY	0.4392, 0.4706, 0.3373
CMYK	0.15, 0.20, 0.00, 0.34
HSL	254°, 17%, 60%
HSV	254°, 20%, 66%
XYZ	27.1531, 26.0322, 41.1297
YIQ	141.2680, -6.1460, 12.2700

Conversions

Conversions Part 2

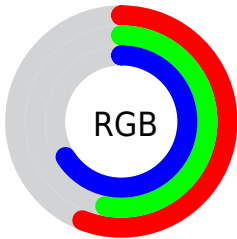
Format	Color
R _{YB}	143, 135, 169
Decimal	9406377
CIE Lab	58.07, 10.05, -16.87
CIE LCh	58, 19.638, 300.772
Yxy	26.0322, 0.2879, 0.2760
Android (android.graphics.Color)	4287596457 (0xFF8F87A9)
YUV	141.2680, 13.6719, 1.5190
Hunter-Lab	51.0218, 5.7072, -12.0797

Details

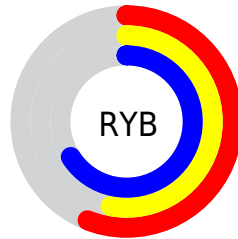
The XYZ color **27.1531, 26.0322, 41.1297** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.2600, 37.7030, 28.4473**, and the grayscale version is **25.3730, 26.6944, 29.0702**.

A 20% lighter version of the original color is **54.4637, 53.2186, 77.9227**, and **10.8730, 10.0567, 18.1977** is the 20% darker color. If you saturate the color by 10%, you get **22.8699, 20.5978, 40.3069**, and if you desaturate by 10%, it is **32.0700, 32.3503, 42.0905**.

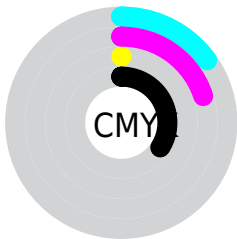
Distribution



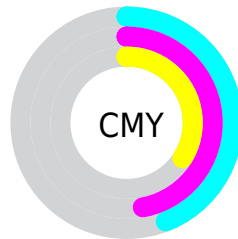
- Red (56%)
- Green (53%)
- Blue (66%)



- Red (56%)
- Yellow (53%)
- Blue (66%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1531, 26.0322, 41.1297 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 27.1531, 26.0322, 41.1297 by changing the saturation by 10% instead.

■ 27.1531, 26.0322,
41.1297

■ 27.1531, 26.0322,
41.1297

280.5517,
282.9401, 366.5551

■ 17.8254, 16.8477,
28.1000

■ 54.5476, 53.3269,
78.1366

■ 10.9236, 10.1260,
18.1613

■ 73.3451, 72.2059,
102.9508

■ 6.0824, 5.4826,
10.8952

■ 96.0300, 95.0852,
132.5302

■ 2.9364, 2.5331,
5.8832

122.9675,
122.3492, 167.2935

■ 1.1202, 0.8932,
2.7065

154.5231,
154.3823, 207.6590

■ 0.0419, 0.0000,
0.9467

191.0621,

■ 0.0000, 0.0000,

191.5689, 254.0455

0.0000

232.9498,
234.2934, 306.8713

■ 27.1531, 26.0322,
41.1297

■ 27.1531, 26.0322,
41.1297

■ 22.8699, 20.5978,
40.3069

■ 32.0700, 32.3503,
42.0905

■ 19.1917, 16.0040,
39.6141

■ 37.6430, 39.5859,
43.1934

■ 16.0909, 12.2092,
39.0450

■ 43.8962, 47.7753,
44.4445

■ 13.5372, 9.1667,
38.5924

■ 50.8518, 56.9515,
45.8491

■ 11.4969, 6.8249,
38.2479

■ 58.5311, 67.1462,
47.4121

■ 9.9325, 5.1255,
38.0023

■ 66.9544, 78.3895,
49.1383

■ 8.8011, 4.0006,
37.8448

■ 76.1411, 90.7103,
51.0323

■ 8.0272, 3.3109,
37.7525

■ 81.0664, 94.0490,
51.4171

■ 84.1615, 95.6446,
51.5620

Harmonies

Analogous

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



24.8044, 26.0322, 43.5332



27.1531, 26.0322, 41.1297



28.9451, 26.0322, 35.2210

Triad

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



27.1531, 26.0322, 41.1297



27.0399, 26.0322, 18.3961



20.4524, 26.0322, 28.5212

Complementary

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



27.1531, 26.0322, 41.1297



33.2600, 37.7030, 28.4473

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.



20.9684, 26.0322, 22.4271



27.1531, 26.0322, 41.1297



24.6814, 26.0322, 17.1770

Square

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



27.1531, 26.0322, 41.1297



28.8768, 26.0322, 22.1671



22.4796, 26.0322, 18.5285



21.0235, 26.0322, 35.5749

Rectangle

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



27.1531, 26.0322, 41.1297



29.5287, 26.0322, 30.4937



22.4796, 26.0322, 18.5285



20.5042, 26.0322, 26.2990

Sweetspot

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



27.1539, 26.0333, 41.1303



61.2930, 62.9313, 76.1416



29.9105, 33.5293, 42.4319



13.2278, 13.5458, 16.5696



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1539, 26.0333, 41.1303



45.1857, 42.2359, 72.9959



30.3101, 27.6604, 41.2780



7.2909, 7.3826, 9.4590



6.0236, 2.4887, 28.1384



0.1899, 0.0829, 0.6866

Inverse Universe

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



31.4601, 28.3373, 37.5310



54.3142, 47.1236, 65.2120



30.0753, 36.0611, 28.2983



7.7653, 7.6360, 9.0813



15.1812, 7.4812, 16.2978



0.3873, 0.1892, 0.4908

Previews

White Background



This preview shows how the XYZ color 27.1531, 26.0322, 41.1297 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1531, 26.0322, 41.1297 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 × Fail

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

XYZ 27.1531, 26.0322, 41.1297

Background



This preview shows how black text looks on a background with the XYZ color 27.1531, 26.0322, 41.1297.



This preview shows how white text looks on a background with the XYZ color 27.1531, 26.0322,

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

27.1531, 26.0322, 41.1297

Protanopia

25.9549, 26.0228, 42.1830

Deuteranopia

26.6131, 25.9619, 41.1446



Tritanopia

25.3285, 25.9223, 32.1023

Trichromacy



Original Color

27.1531, 26.0322, 41.1297

Protanomaly

26.3547, 26.0278, 41.6650

Deuteranomaly

26.7808, 26.0483, 41.1524

Tritanomaly

25.9309, 25.9543, 35.0955

Monochromacy



Original Color

27.1531, 26.0322, 41.1297

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9739, 26.4504, 33.0146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1531, 26.0322, 41.1297 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(143, 135, 169)` looks like.

```
.text, #text, p{  
    color:rgb(143, 135, 169)  
}
```

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(143, 135, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 135, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.1531, 26.0322, 41.1297 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(143, 135, 169) }
```


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

```
.border{ border-color:rgb(143, 135, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 135, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 135, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 135, 169);  
box-shadow:4px 4px 4px 4px rgb(143, 135,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1531, 26.0322, 41.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 135, 169) }
```

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

```
.background{ background-color: rgb(143,  
135, 169) }
```

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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