

Converting Colors

XYZ(27.3740, 29.0191, 42.4401)

Have a look what the booklet for
XYZ(27.3740, 29.0191, 42.4401)
contains.

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Color

**XYZ(27.4563, 29.0256,
42.6835)**

Conversions

Conversions Part 1

Format	Color
Hex	8494AB
RGB	132, 148, 171
RGB Percent	52%, 58%, 67%
CMY	0.4823, 0.4196, 0.3294
CMYK	0.23, 0.13, 0.00, 0.33
HSL	215°, 19%, 59%
HSV	215°, 23%, 67%
XYZ	27.4563, 29.0256, 42.6835
YIQ	145.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

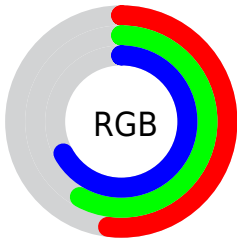
Format	Color
R _Y B	132, 143, 171
Decimal	8688811
CIE Lab	60.80, -0.53, -13.95
CIE LCh	61, 13.963, 267.835
Yxy	29.0256, 0.2769, 0.2927
Android (android.graphics.Color)	4286878891 (0xFF8494AB)
YUV	145.8380, 12.4049, -12.1359
Hunter-Lab	53.8754, -3.3138, -9.2605

Details

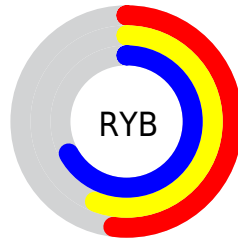
The XYZ color **27.4563, 29.0256, 42.6835** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6811, 33.7667, 26.6256**, and the grayscale version is **27.2118, 28.6289, 31.1769**.

A 20% lighter version of the original color is **55.0977, 58.1711, 80.2757**, and **11.0841, 11.6751, 19.1221** is the 20% darker color. If you saturate the color by 10%, you get **23.4850, 24.7322, 42.0646**, and if you desaturate by 10%, it is **32.0056, 33.8229, 43.3702**.

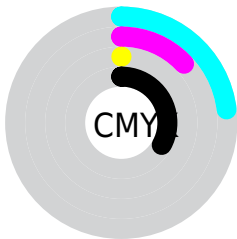
Distribution



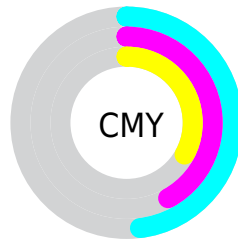
- Red (52%)
- Green (58%)
- Blue (67%)



- Red (52%)
- Yellow (56%)
- Blue (67%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4563, 29.0256, 42.6835 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 27.4563, 29.0256, 42.6835 by changing the saturation by 10% instead.

■ 27.4563, 29.0256,
42.6835

■ 27.4563, 29.0256,
42.6835

281.9871,
297.3357, 373.1914

■ 18.0546, 19.1002,
29.3073

■ 55.0300, 58.1178,
80.5143

■ 11.0891, 11.7427,
19.0658

■ 73.9326, 78.0533,
105.8059

■ 6.1945, 6.5687,
11.5406

■ 96.7329, 102.0943,
135.9064

■ 3.0055, 3.1939,
6.3129

123.7963,
130.6252, 171.2344

■ 1.1567, 1.2338,
2.9644

155.4880,
164.0304, 212.2083

■ 0.0717, 0.0890,
1.0765

192.1735,

■ 0.0000, 0.0000,

202.6943, 259.2468

0.0000

234.2181,
247.0013, 312.7683

■ 27.4563, 29.0256,
42.6835

■ 27.4563, 29.0256,
42.6835

■ 23.4850, 24.7322,
42.0646

■ 32.0056, 33.8229,
43.3702

■ 20.0641, 20.9213,
41.5093

■ 37.1533, 39.1376,
44.1247

■ 17.1678, 17.5748,
41.0160

■ 42.9224, 44.9871,
44.9497

■ 14.7668, 14.6720,
40.5823

■ 49.3336, 51.3866,
45.8470

■ 12.8290, 12.1904,
40.2054

■ 56.4066, 58.3510,
46.8185

■ 11.3176, 10.1049,
39.8825

■ 64.1604, 65.8943,
47.8658

■ 10.1897, 8.3867,
39.6103

■ 72.6130, 74.0302,
48.9907

■ 9.5510, 7.3408,
39.4421

■ 76.5203, 80.0593,
49.9485

■ 79.3868, 85.7924,
50.9040

Harmonies

Analogous

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



25.7711, 29.0256, 40.8445



27.4563, 29.0256, 42.6835



29.2502, 29.0256, 41.2943

Triad

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



27.4563, 29.0256, 42.6835



30.7913, 29.0256, 27.1621



24.7373, 29.0256, 26.5750

Complementary

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



27.4563, 29.0256, 42.6835



32.6811, 33.7667, 26.6256

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.



25.9899, 29.0256, 23.5622



27.4563, 29.0256, 42.6835



29.4883, 29.0256, 23.8741

Square

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



27.4563, 29.0256, 42.6835



31.2253, 29.0256, 31.9831



27.7200, 29.0256, 22.6296



24.2447, 29.0256, 31.2278

Rectangle

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



27.4563, 29.0256, 42.6835



30.2571, 29.0256, 38.8009



27.7200, 29.0256, 22.6296



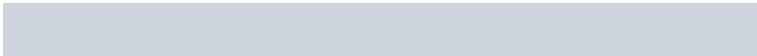
25.0806, 29.0256, 25.3570

Sweetspot

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



27.4572, 29.0268, 42.6842



62.4243, 65.8674, 78.4254



29.9747, 36.3901, 36.3452



13.8030, 14.5671, 17.4719



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.4572, 29.0268, 42.6842



45.7251, 48.2824, 75.9113



25.6346, 24.6152, 41.9287



7.8387, 8.2767, 10.1371



7.2493, 5.6324, 29.7496



0.2564, 0.2661, 0.8458

Inverse Universe

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



30.3919, 27.2993, 31.6857



51.9090, 44.8968, 52.6787



34.8236, 39.0897, 27.5402



8.1364, 8.0678, 9.0290



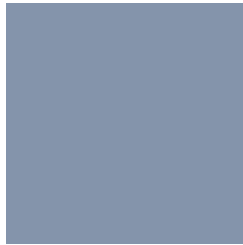
13.5227, 6.8716, 5.1322



0.4038, 0.2022, 0.2881

Previews

White Background



This preview shows how the XYZ color 27.4563, 29.0256, 42.6835 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 27.4563, 29.0256, 42.6835 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

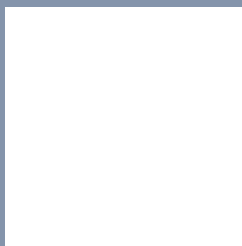
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4563, 29.0256, 42.6835

Background



This preview shows how black text looks on a background with the XYZ color 27.4563, 29.0256, 42.6835.



This preview shows how white text looks on a background with the XYZ color 27.4563, 29.0256,

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

27.4563, 29.0256, 42.6835

Protanopia

28.4422, 28.8662, 41.6088

Deuteranopia

29.4816, 28.9194, 43.0579



Tritanopia

26.6339, 29.1672, 38.4085

Trichromacy



Original Color

27.4563, 29.0256, 42.6835

Protanomaly

28.0158, 28.8633, 42.1248

Deuteranomaly

28.7271, 28.9801, 43.1094

Tritanomaly

26.8991, 29.0368, 39.7842

Monochromacy



Original Color

27.4563, 29.0256, 42.6835

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3346, 28.8967, 35.1473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4563, 29.0256, 42.6835 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(132, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(132, 148, 171)  
}
```

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(132, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 148, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.4563, 29.0256, 42.6835 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(132, 148, 171) }
```


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

```
.border{ border-color:rgb(132, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(132, 148,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4563, 29.0256, 42.6835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 148, 171) }
```

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

```
.background{ background-color: rgb(132,  
148, 171) }
```

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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