

Converting Colors

XYZ(29.5006, 30.4787, 42.8923)

Have a look what the booklet for
XYZ(29.5006, 30.4787, 42.8923)
contains.

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Color

**XYZ(29.5847, 30.5926,
42.8738)**

Conversions

Conversions Part 1

Format	Color
Hex	8F96AB
RGB	143, 150, 171
RGB Percent	56%, 59%, 67%
CMY	0.4392, 0.4118, 0.3294
CMYK	0.16, 0.12, 0.00, 0.33
HSL	225°, 14%, 62%
HSV	225°, 16%, 67%
XYZ	29.5847, 30.5926, 42.8738
YIQ	150.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

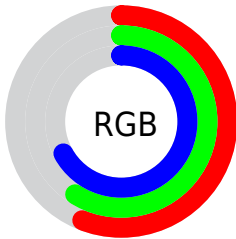
Format	Color
RYB	143, 149, 171
Decimal	9410219
CIELab	62.16, 1.95, -11.83
CIElCh	62, 11.988, 279.353
Yxy	30.5926, 0.2871, 0.2969
Android (android.graphics.Color)	4287600299 (0xFF8F96AB)
YUV	150.3010, 10.2046, -6.4030
Hunter-Lab	55.3106, -1.3169, -7.2410

Details

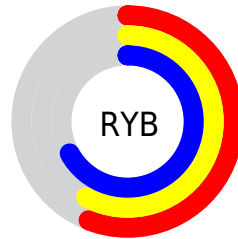
The XYZ color **29.5847, 30.5926, 42.8738** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0282, 37.1919, 31.3198**, and the grayscale version is **29.0793, 30.5937, 33.3165**.

A 20% lighter version of the original color is **58.3463, 60.5470, 80.5631**, and **12.2052, 12.5309, 19.2282** is the 20% darker color. If you saturate the color by 10%, you get **24.9116, 25.3109, 42.1011**, and if you desaturate by 10%, it is **34.9349, 36.5575, 43.7436**.

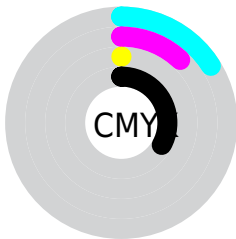
Distribution



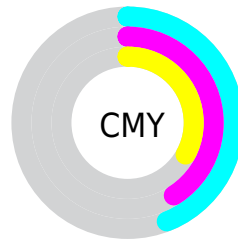
- Red (56%)
- Green (59%)
- Blue (67%)



- Red (56%)
- Yellow (58%)
- Blue (67%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5847, 30.5926, 42.8738 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 29.5847, 30.5926, 42.8738 by changing the saturation by 10% instead.

■ 29.5847, 30.5926,
42.8738

■ 29.5847, 30.5926,
42.8738

291.9085,
304.6570, 373.9985

■ 19.6701, 20.2888,
29.4554

■ 58.3959, 60.5981,
80.8047

■ 12.2623, 12.6052,
19.1771

■ 78.0233, 81.0686,
106.1543

■ 6.9961, 7.1572,
11.6202

101.6189,
105.6968, 136.3181

■ 3.5059, 3.5606,
6.3662

129.5481,
134.8671, 171.7146

■ 1.4266, 1.4310,
2.9967

162.1763,
168.9638, 212.7623

■ 0.2751, 0.2394,
1.0929

199.8689,

■ 0.0000, 0.0000,

208.3715, 259.8799

0.0000

242.9912,
253.4744, 313.4857

■ 29.5847, 30.5926,
42.8738

■ 29.5847, 30.5926,
42.8738

■ 24.9116, 25.3109,
42.1011

■ 34.9349, 36.5575,
43.7436

■ 20.8854, 20.6836,
41.4202

■ 40.9852, 43.2251,
44.7117

■ 17.4773, 16.6856,
40.8281

■ 47.7613, 50.6193,
45.7818

■ 14.6556, 13.2886,
40.3211

■ 55.2864, 58.7614,
46.9568

■ 12.3854, 10.4621,
39.8952

■ 63.5828, 67.6718,
48.2394

■ 10.6280, 8.1725,
39.5459

■ 72.6719, 77.3702,
49.6323

■ 9.3393, 6.3826,
39.2683

■ 79.6833, 86.3854,
51.0029

■ 8.4615, 5.0465,
39.0567

■ 83.5881, 94.1949,
52.3045

■ 8.2061, 4.6509,
38.9938

■ 84.3508, 95.7203,
52.5587

Harmonies

Analogous

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



27.9965, 30.5926, 42.3403



29.5847, 30.5926, 42.8738



31.0903, 30.5926, 40.6676

Triad

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



29.5847, 30.5926, 42.8738



31.5441, 30.5926, 27.9854



26.2684, 30.5926, 30.2729

Complementary

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



29.5847, 30.5926, 42.8738



35.0282, 37.1919, 31.3198

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.



27.1532, 30.5926, 26.8983



29.5847, 30.5926, 42.8738



30.1856, 30.5926, 25.6649

Square

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



29.5847, 30.5926, 42.8738



32.2488, 30.5926, 31.8863



28.5758, 30.5926, 25.2862



26.1210, 30.5926, 34.7758

Rectangle

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



29.5847, 30.5926, 42.8738



31.8303, 30.5926, 38.0501



28.5758, 30.5926, 25.2862



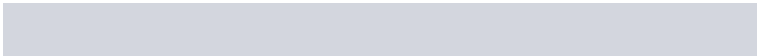
26.4879, 30.5926, 28.9811

Sweetspot

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



29.5856, 30.5939, 42.8745



63.8874, 66.9353, 78.5545



32.5499, 37.6295, 40.4496



14.0901, 14.7530, 17.4927



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.



29.5856, 30.5939, 42.8745



49.5122, 50.8824, 76.2136



29.6657, 29.0257, 42.5676



7.7356, 8.0706, 10.1028



6.2225, 3.5788, 29.4073



0.2164, 0.1862, 0.8325

Inverse Universe

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



32.1228, 30.5055, 33.0507



55.0347, 50.7959, 54.8069



34.9277, 39.0518, 31.6841



8.0843, 8.0470, 8.7550



13.0045, 6.6643, 2.4029



0.3836, 0.1941, 0.1821

Previews

White Background



This preview shows how the XYZ color 29.5847, 30.5926, 42.8738 looks on a white background.

Color Contrast Check

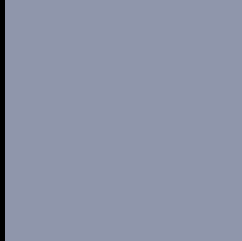
Large Text (above 18pt) WCAG AA × Fail

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 29.5847, 30.5926, 42.8738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

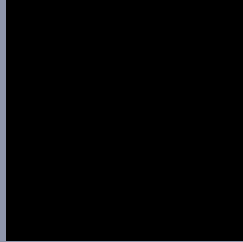
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.5847, 30.5926, 42.8738

Background



This preview shows how black text looks on a background with the XYZ color 29.5847, 30.5926, 42.8738.



This preview shows how white text looks on a background with the XYZ color 29.5847, 30.5926,

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

29.5847, 30.5926, 42.8738

Protanopia

30.0358, 30.6002, 42.3536

Deuteranopia

31.0517, 30.4064, 43.2621



Tritanopia

28.8328, 30.5283, 39.0232

Trichromacy



Original Color

29.5847, 30.5926, 42.8738

Protanomaly

29.8572, 30.5082, 42.3452

Deuteranomaly

30.4578, 30.3300, 43.2787

Tritanomaly

29.1049, 30.6372, 40.4560

Monochromacy



Original Color

29.5847, 30.5926, 42.8738

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1105, 30.4844, 36.6975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5847, 30.5926, 42.8738 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, 150, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 150, 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(143, 150, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 150, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.5847, 30.5926, 42.8738 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, 150, 171) }
```


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

```
.border{ border-color:rgb(143, 150, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 150, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 150, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 150, 171);  
box-shadow:4px 4px 4px 4px rgb(143, 150,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5847, 30.5926, 42.8738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 150, 171) }
```

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

```
.background{ background-color: rgb(143,  
150, 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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