

Converting Colors

XYZ(27.6830, 24.8636, 51.4842)

Have a look what the booklet for
XYZ(27.6830, 24.8636, 51.4842)
contains.

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Color

**XYZ(27.6830, 24.8636,
51.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	8B81BD
RGB	139, 129, 189
RGB Percent	55%, 51%, 74%
CMY	0.4549, 0.4941, 0.2588
CMYK	0.26, 0.32, 0.00, 0.26
HSL	250°, 31%, 62%
HSV	250°, 32%, 74%
XYZ	27.6830, 24.8636, 51.4842
YIQ	138.8300, -13.3000, 20.7800

Conversions

Conversions Part 2

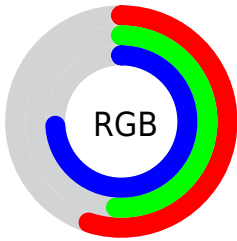
Format	Color
R_{YB}	139, 129, 189
Decimal	9142717
CIE _{Lab}	56.94, 17.03, -30.05
CIE _{LCh}	57, 34.538, 299.536
Yxy	24.8636, 0.2661, 0.2390
Android (android.graphics.Color)	4287332797 (0xFF8B81BD)
YUV	138.8300, 24.7338, 0.1491
Hunter-Lab	49.8634, 11.8380, -26.3128

Details

The XYZ color **27.6830, 24.8636, 51.4842** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.7511, 47.5644, 27.8029**, and the grayscale version is **24.3875, 25.6576, 27.9411**.

A 20% lighter version of the original color is **55.4575, 51.5178, 93.4072**, and **11.1723, 9.5128, 24.1690** is the 20% darker color. If you saturate the color by 10%, you get **22.9769, 19.0778, 50.6159**, and if you desaturate by 10%, it is **33.2302, 31.7676, 52.5249**.

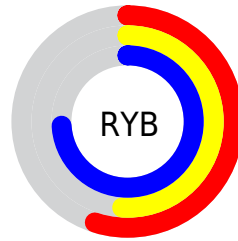
Distribution



Red (55%)

Green (51%)

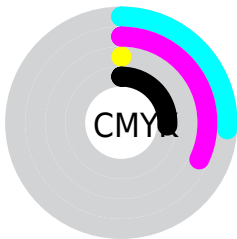
Blue (74%)



Red (55%)

Yellow (51%)

Blue (74%)

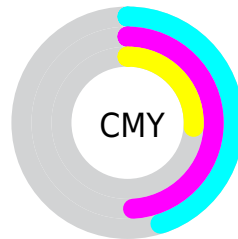


Cyan (26%)

Magenta (32%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (49%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6830, 24.8636, 51.4842 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 27.6830, 24.8636, 51.4842 by changing the saturation by 10% instead.

■ 27.6830, 24.8636,
51.4842

■ 27.6830, 24.8636,
51.4842

283.0567,
277.1580, 409.3422

■ 18.2261, 15.9755,
36.2147

■ 55.3901, 51.4359,
93.7889

■ 11.2131, 9.5068,
24.3091

■ 74.3710, 69.8888,
121.6612

■ 6.2787, 5.0732,
15.3487

■ 97.2573, 92.2987,
154.5715

■ 3.0575, 2.2903,
8.9152

124.4143,
119.0501, 192.9384

■ 1.1843, 0.7686,
4.5898

156.2074,
150.5273, 237.1804

■ 0.0939, 0.0000,
1.9542

193.0019,

■ 0.0000, 0.0000,

187.1148, 287.7160

0.5269

235.1632,
229.1969, 344.9637

■ 0.0000, 0.0000,
0.0000

■ 27.6830, 24.8636,
51.4842

■ 27.6830, 24.8636,
51.4842

■ 22.9769, 19.0778,
50.6159

■ 33.2302, 31.7676,
52.5249

■ 19.0678, 14.3480,
49.9090

■ 39.6545, 39.8416,
53.7447

■ 15.9112, 10.6107,
49.3540

■ 46.9929, 49.1378,
55.1523

■ 13.4575, 7.7938,
48.9396

■ 55.2798, 59.7041,
56.7550

■ 11.6506, 5.8157,
48.6530

■ 64.5473, 71.5862,
58.5600

■ 10.4252, 4.5797,
48.4790

■ 74.8265, 84.8272,
60.5740

■ 9.7656, 3.9733,
48.3967

■ 84.1027, 95.3805,
62.1221

■ 86.1854, 96.4542,
62.2196

Harmonies

Analogous

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



23.5691, 24.8636, 56.0615



27.6830, 24.8636, 51.4842



31.0006, 24.8636, 40.0282

Triad

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



27.6830, 24.8636, 51.4842



27.8046, 24.8636, 12.0389



16.6685, 24.8636, 26.8919

Complementary

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



27.6830, 24.8636, 51.4842



40.7511, 47.5644, 27.8029

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.



17.5348, 24.8636, 17.2654



27.6830, 24.8636, 51.4842



23.6953, 24.8636, 10.3329

Square

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



27.6830, 24.8636, 51.4842



31.0763, 24.8636, 17.4983



19.9970, 24.8636, 11.9339



17.4831, 24.8636, 39.6233

Rectangle

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



27.6830, 24.8636, 51.4842



32.1477, 24.8636, 31.3286



19.9970, 24.8636, 11.9339



16.7711, 24.8636, 23.2200

Sweetspot

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



27.6839, 24.8646, 51.4848



72.9927, 73.8462, 96.6328



34.5606, 40.9844, 54.2338



15.3203, 15.4048, 20.7085



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.6839, 24.8646, 51.4848



43.6383, 37.2102, 91.1085



33.1848, 27.7004, 51.7422



9.1607, 9.2997, 11.9844



6.6151, 2.6963, 32.5647



0.3059, 0.1297, 1.2778

Inverse Universe

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



36.9739, 29.7749, 46.4470



62.9627, 47.4341, 80.1831



34.7385, 44.4648, 27.5215



9.8598, 9.6682, 11.6508



18.2681, 8.9384, 22.5029



0.7340, 0.3575, 0.9786

Previews

White Background



This preview shows how the XYZ color 27.6830, 24.8636, 51.4842 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 27.6830, 24.8636, 51.4842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

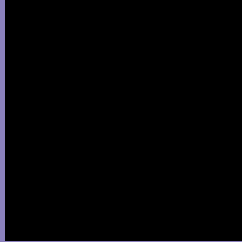
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6830, 24.8636, 51.4842

Background



This preview shows how black text looks on a background with the XYZ color 27.6830, 24.8636, 51.4842.



This preview shows how white text looks on a background with the XYZ color 27.6830, 24.8636,

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

27.6830, 24.8636, 51.4842

Protanopia

25.7608, 25.0298, 53.9256

Deuteranopia

25.6262, 25.0237, 51.0564



Tritanopia

23.6510, 24.8547, 31.5679

Trichromacy



Original Color

27.6830, 24.8636, 51.4842

Protanomaly

26.5061, 25.0164, 53.3008

Deuteranomaly

26.3667, 24.9951, 51.0118

Tritanomaly

24.9675, 24.7629, 38.1141

Monochromacy



Original Color

27.6830, 24.8636, 51.4842

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3972, 25.2512, 35.4337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6830, 24.8636, 51.4842 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(139, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(139, 129, 189)  
}
```

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(139, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 129, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.6830, 24.8636, 51.4842 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(139, 129, 189) }
```


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

```
.border{ border-color:rgb(139, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 129, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 129, 189);  
box-shadow:4px 4px 4px 4px rgb(139, 129,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6830, 24.8636, 51.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 129, 189) }
```

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

```
.background{ background-color: rgb(139,  
129, 189) }
```

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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