

Converting Colors

XYZ(26.4243, 24.1875, 48.4038)

Have a look what the booklet for
XYZ(26.4243, 24.1875, 48.4038)
contains.

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Color

**XYZ(26.4937, 24.3121,
48.6437)**

Conversions

Conversions Part 1

Format	Color
Hex	8781B8
RGB	135, 129, 184
RGB Percent	53%, 51%, 72%
CMY	0.4706, 0.4941, 0.2784
CMYK	0.27, 0.30, 0.00, 0.28
HSL	247°, 28%, 61%
HSV	247°, 30%, 72%
XYZ	26.4937, 24.3121, 48.6437
YIQ	137.0640, -14.0790, 18.3770

Conversions

Conversions Part 2

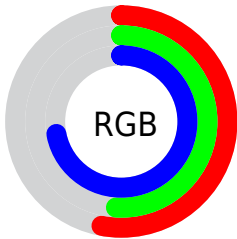
Format	Color
R _Y B	135, 129, 184
Decimal	8880568
CIE Lab	56.40, 14.55, -28.07
CIE LCh	56, 31.615, 297.406
Yxy	24.3121, 0.2664, 0.2445
Android (android.graphics.Color)	4287070648 (0xFF8781B8)
YUV	137.0640, 23.1394, -1.8101
Hunter-Lab	49.3073, 9.6235, -23.9769

Details

The XYZ color **26.4937, 24.3121, 48.6437** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.4635, 45.3314, 27.4397**, and the grayscale version is **23.7218, 24.9572, 27.1784**.

A 20% lighter version of the original color is **53.4424, 50.5660, 89.3816**, and **10.6216, 9.2608, 22.7004** is the 20% darker color. If you saturate the color by 10%, you get **21.8473, 18.6375, 47.7937**, and if you desaturate by 10%, it is **31.9843, 31.0708, 49.6593**.

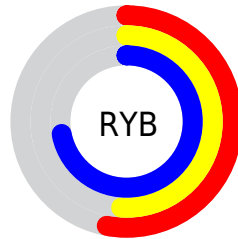
Distribution



Red (53%)

Green (51%)

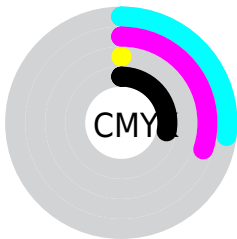
Blue (72%)



Red (53%)

Yellow (51%)

Blue (72%)

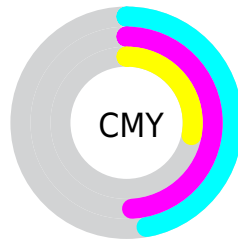


Cyan (27%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4937, 24.3121, 48.6437 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 26.4937, 24.3121, 48.6437 by changing the saturation by 10% instead.

■ 26.4937, 24.3121,
48.6437

■ 26.4937, 24.3121,
48.6437

277.4097,
274.3946, 397.9200

■ 17.3280, 15.5653,
33.9733

■ 53.4960, 50.5390,
89.5375

■ 10.5653, 9.2171,
22.5959

■ 72.0632, 68.7879,
116.5981

■ 5.8405, 4.8830,
14.0929

■ 94.4950, 90.9730,
148.6258

■ 2.7881, 2.1788,
8.0458

121.1568,
117.4786, 186.0391

■ 1.0427, 0.7084,
4.0361

152.4137,
148.6892, 229.2567

■ 0.0000, 0.0000,
1.6452

188.6313,

■ 0.0000, 0.0000,

184.9891, 278.6970

0.3227

230.1749,
226.7628, 334.7786

■ 0.0000, 0.0000,
0.0000

■ 26.4937, 24.3121,
48.6437

■ 26.4937, 24.3121,
48.6437

■ 21.8473, 18.6375,
47.7937

■ 31.9843, 31.0708,
49.6593

■ 18.0007, 13.9876,
47.0989

■ 38.3556, 38.9631,
50.8469

■ 14.9090, 10.3021,
46.5505

■ 45.6450, 48.0387,
52.2144

■ 12.5222, 7.5125,
46.1379

■ 53.8870, 58.3438,
53.7691

■ 10.7837, 5.5419,
45.8491

■ 63.1143, 69.9218,
55.5176

■ 9.6283, 4.2999,
45.6703

■ 73.3580, 82.8141,
57.4661

■ 8.9477, 3.6165,
45.5742

■ 83.7472, 95.2589,
59.3206

■ 8.9418, 3.6102,
45.5733

■ 85.6518, 96.2407,
59.4098

Harmonies

Analogous

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



22.7915, 24.3121, 52.0772



26.4937, 24.3121, 48.6437



29.5443, 24.3121, 38.8520

Triad

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



26.4937, 24.3121, 48.6437



27.1013, 24.3121, 12.8846



16.7781, 24.3121, 25.5719

Complementary

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



26.4937, 24.3121, 48.6437



39.4635, 45.3314, 27.4397

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.



17.6816, 24.3121, 17.0479



26.4937, 24.3121, 48.6437



23.4272, 24.3121, 11.0338

Square

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



26.4937, 24.3121, 48.6437



29.9203, 24.3121, 18.2509



20.0236, 24.3121, 12.3295



17.4170, 24.3121, 36.8512

Rectangle

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



26.4937, 24.3121, 48.6437



30.6620, 24.3121, 31.1039



20.0236, 24.3121, 12.3295



16.9091, 24.3121, 22.3239

Sweetspot

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



26.4945, 24.3131, 48.6443



70.4488, 71.7729, 92.3451



33.7257, 40.1685, 51.3236



14.8011, 14.9931, 19.8355



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.4945, 24.3131, 48.6443



42.2096, 36.9575, 87.1134



31.4030, 26.8435, 48.8740



8.6097, 8.7651, 11.3175



6.1933, 2.5040, 31.4100



0.2485, 0.1038, 1.1087

Inverse Universe

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



35.6539, 29.1060, 45.8587



61.6147, 47.1183, 80.9209



33.8661, 42.4458, 27.1777



9.3376, 9.1454, 11.1251



18.2529, 8.8749, 25.0166



0.6556, 0.3177, 0.9459

Previews

White Background



This preview shows how the XYZ color 26.4937, 24.3121, 48.6437 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 26.4937, 24.3121, 48.6437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

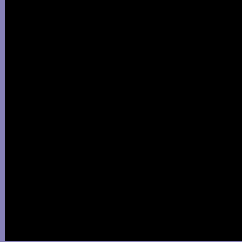
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4937, 24.3121, 48.6437

Background



This preview shows how black text looks on a background with the XYZ color 26.4937, 24.3121, 48.6437.



This preview shows how white text looks on a background with the XYZ color 26.4937, 24.3121,

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

26.4937, 24.3121, 48.6437

Protanopia

24.9649, 24.2849, 50.3854

Deuteranopia

24.8199, 24.2589, 48.1740



Tritanopia

22.9727, 24.3041, 31.0841

Trichromacy



Original Color

26.4937, 24.3121, 48.6437

Protanomaly

25.5716, 24.4077, 49.8178

Deuteranomaly

25.4027, 24.3570, 48.1623

Tritanomaly

24.0928, 24.1384, 36.6471

Monochromacy



Original Color

26.4937, 24.3121, 48.6437

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5112, 24.6175, 34.0316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4937, 24.3121, 48.6437 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, 129, 184)` looks like.

```
.text, #text, p{  
  color:rgb(135, 129, 184)  
}
```

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, 129, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 129, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.4937, 24.3121, 48.6437 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, 129, 184) }
```


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

```
.border{ border-color:rgb(135, 129, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 129, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 129, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 129, 184);  
box-shadow:4px 4px 4px 4px rgb(135, 129,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4937, 24.3121, 48.6437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 129, 184) }
```

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

```
.background{ background-color: rgb(135,  
129, 184) }
```

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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