

Converting Colors

XYZ(26.6058, 24.1223, 47.5100)

Have a look what the booklet for
XYZ(26.6058, 24.1223, 47.5100)
contains.

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Color

**XYZ(26.6439, 24.2190,
47.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	8A80B6
RGB	138, 128, 182
RGB Percent	54%, 50%, 71%
CMY	0.4588, 0.4980, 0.2863
CMYK	0.24, 0.30, 0.00, 0.29
HSL	251°, 27%, 61%
HSV	251°, 30%, 71%
XYZ	26.6439, 24.2190, 47.5264
YIQ	137.1460, -11.3740, 18.9140

Conversions

Conversions Part 2

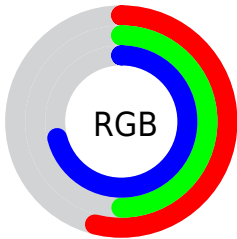
Format	Color
R_{YB}	138, 128, 182
Decimal	9076918
CIE Lab	56.31, 15.57, -27.05
CIE LCh	56, 31.206, 299.923
Yxy	24.2190, 0.2708, 0.2462
Android (android.graphics.Color)	4287266998 (0xFF8A80B6)
YUV	137.1460, 22.1130, 0.7490
Hunter-Lab	49.2128, 10.5178, -22.8093

Details

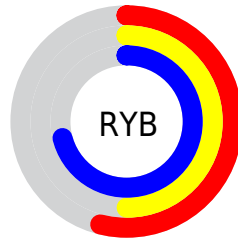
The XYZ color **26.6439, 24.2190, 47.5264** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.6381, 43.7856, 26.8908**, and the grayscale version is **23.7558, 24.9929, 27.2173**.

A 20% lighter version of the original color is **53.6947, 50.4273, 87.7923**, and **10.6889, 9.2032, 21.9819** is the 20% darker color. If you saturate the color by 10%, you get **22.1913, 18.7105, 46.6982**, and if you desaturate by 10%, it is **31.8589, 30.7538, 48.5133**.

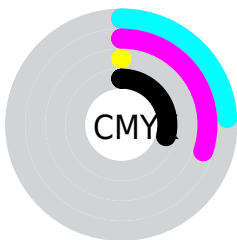
Distribution



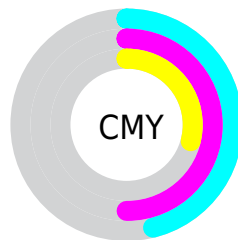
- Red (54%)
- Green (50%)
- Blue (71%)



- Red (54%)
- Yellow (50%)
- Blue (71%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (46%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6439, 24.2190, 47.5264 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 26.6439, 24.2190, 47.5264 by changing the saturation by 10% instead.

■ 26.6439, 24.2190,
47.5264

■ 26.6439, 24.2190,
47.5264

278.1279,
273.9258, 393.3662

■ 17.4412, 15.4962,
33.0947

■ 53.7358, 50.3873,
87.8570

■ 10.6468, 9.1683,
21.9273

■ 72.3558, 68.6016,
114.5930

■ 5.8954, 4.8511,
13.6057

■ 94.8454, 90.7485,
146.2675

■ 2.8216, 2.1602,
7.7113

121.5703,
117.2124, 183.2990

■ 1.0601, 0.6982,
3.8257

152.8956,
148.3777, 226.1061

■ 0.0000, 0.0000,
1.5302

189.1867,

■ 0.0000, 0.0000,

184.6287, 275.1073

0.2403

230.8090,
226.3500, 330.7212

■ 0.0000, 0.0000,
0.0000

■ 26.6439, 24.2190,
47.5264

■ 26.6439, 24.2190,
47.5264

■ 22.1913, 18.7105,
46.6982

■ 31.8589, 30.7538,
48.5133

■ 18.4625, 14.1727,
46.0189

■ 37.8678, 38.3606,
49.6648

■ 15.4190, 10.5496,
45.4800

■ 44.7030, 47.0859,
50.9887

■ 13.0176, 7.7778,
45.0715

■ 52.3945, 56.9727,
52.4917

■ 11.2101, 5.7858,
44.7823

■ 60.9708, 68.0616,
54.1801

■ 9.9409, 4.4901,
44.5991

■ 70.4591, 80.3913,
56.0598

■ 9.1162, 3.7339,
44.4966

■ 80.7565, 93.7412,
58.0939

■ 9.0935, 3.7125,
44.4937

■ 85.4436, 96.1574,
58.3132

Harmonies

Analogous

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



23.0102, 24.2190, 51.5441



26.6439, 24.2190, 47.5264



29.5365, 24.2190, 37.5919

Triad

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



26.6439, 24.2190, 47.5264



26.6616, 24.2190, 12.6777



16.7740, 24.2190, 26.3439

Complementary

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



26.6439, 24.2190, 47.5264



37.6381, 43.7856, 26.8908

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.



17.5393, 24.2190, 17.6389



26.6439, 24.2190, 47.5264



23.0287, 24.2190, 11.1108

Square

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



26.6439, 24.2190, 47.5264



29.5474, 24.2190, 17.6740



19.7395, 24.2190, 12.6615



17.5316, 24.2190, 37.5338

Rectangle

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



26.6439, 24.2190, 47.5264



30.5206, 24.2190, 29.9892



19.7395, 24.2190, 12.6615



16.8605, 24.2190, 23.0551

Sweetspot

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



26.6447, 24.2200, 47.5270



69.2566, 70.3139, 90.1574



32.1179, 37.5104, 49.8038



14.9240, 15.0565, 19.8412



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.



26.6447, 24.2200, 47.5270



42.5603, 36.7865, 85.0930



31.6597, 26.8053, 47.7616



8.6722, 8.7974, 11.3204



6.4639, 2.6435, 31.4226



0.2752, 0.1176, 1.1099

Inverse Universe

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



34.4576, 28.3629, 42.6888



59.2636, 45.6528, 74.3329



32.3196, 41.0438, 26.6419



9.3077, 9.1334, 10.9676



17.4375, 8.5488, 20.7226



0.6335, 0.3089, 0.8293

Previews

White Background



This preview shows how the XYZ color 26.6439, 24.2190, 47.5264 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 26.6439, 24.2190, 47.5264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

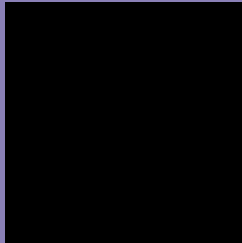
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6439, 24.2190, 47.5264

Background



This preview shows how black text looks on a background with the XYZ color 26.6439, 24.2190, 47.5264.



This preview shows how white text looks on a background with the XYZ color 26.6439, 24.2190,

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

26.6439, 24.2190, 47.5264

Protanopia

24.8582, 24.2422, 49.8234

Deuteranopia

24.8964, 24.3222, 47.0985



Tritanopia

23.2124, 24.2286, 30.6473

Trichromacy



Original Color

26.6439, 24.2190, 47.5264

Protanomaly

25.4774, 24.1710, 49.2216

Deuteranomaly

25.3589, 24.1580, 47.0425

Tritanomaly

24.3408, 24.0741, 36.1647

Monochromacy



Original Color

26.6439, 24.2190, 47.5264

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5914, 24.6685, 33.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6439, 24.2190, 47.5264 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(138, 128, 182)` looks like.

```
.text, #text, p{  
    color:rgb(138, 128, 182)  
}
```

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(138, 128, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 128, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.6439, 24.2190, 47.5264 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(138, 128, 182) }
```


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

```
.border{ border-color:rgb(138, 128, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 128, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 128, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 128, 182); box-shadow:4px 4px 4px 4px rgb(138, 128, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6439, 24.2190, 47.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 128, 182) }
```

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

```
.background{ background-color: rgb(138,  
128, 182) }
```

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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