

Converting Colors

XYZ(25.0446, 24.2608, 47.8484)

Have a look what the booklet for
XYZ(25.0446, 24.2608, 47.8484)
contains.

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Color

**XYZ(25.0069, 24.1650,
47.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	7C84B6
RGB	124, 132, 182
RGB Percent	49%, 52%, 71%
CMY	0.5137, 0.4823, 0.2863
CMYK	0.32, 0.27, 0.00, 0.29
HSL	232°, 28%, 60%
HSV	232°, 32%, 71%
XYZ	25.0069, 24.1650, 47.6023
YIQ	135.3080, -20.8180, 13.8540

Conversions

Conversions Part 2

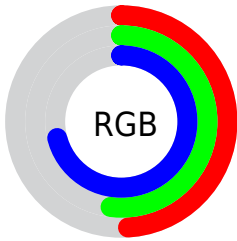
Format	Color
R_{YB}	124, 131, 182
Decimal	8160438
CIE Lab	56.25, 8.95, -27.22
CIE LCh	56, 28.655, 288.211
Yxy	24.1650, 0.2584, 0.2497
Android (android.graphics.Color)	4286350518 (0xFF7C84B6)
YUV	135.3080, 23.0192, -9.9171
Hunter-Lab	49.1579, 4.7776, -23.0032

Details

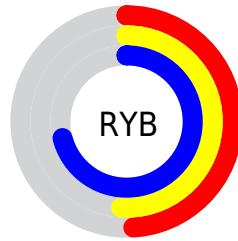
The XYZ color **25.0069, 24.1650, 47.6023** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **38.0660, 41.6727, 25.1069**, and the grayscale version is **23.0668, 24.2681, 26.4279**.

A 20% lighter version of the original color is **51.1417, 50.3359, 87.9093**, and **9.8034, 9.1880, 22.0256** is the 20% darker color. If you saturate the color by 10%, you get **20.6455, 18.9926, 46.8342**, and if you desaturate by 10%, it is **30.1754, 30.2295, 48.5009**.

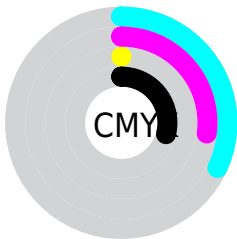
Distribution



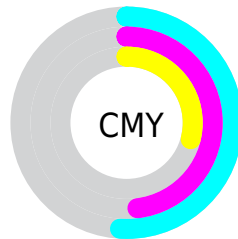
- Red (49%)
- Green (52%)
- Blue (71%)



- Red (49%)
- Yellow (51%)
- Blue (71%)



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)



- Cyan (51%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0069, 24.1650, 47.6023 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 25.0069, 24.1650, 47.6023 by changing the saturation by 10% instead.

■ 25.0069, 24.1650,
47.6023

■ 25.0069, 24.1650,
47.6023

270.2193,
273.6536, 393.6767

■ 16.2110, 15.4561,
33.1543

■ 51.1112, 50.2993,
87.9713

■ 9.7653, 9.1401,
21.9726

■ 69.1503, 68.4935,
114.7295

■ 5.3047, 4.8327,
13.6386

■ 91.0012, 90.6182,
146.4281

■ 2.4637, 2.1494,
7.7339

117.0291,
117.0578, 183.4856

■ 0.8770, 0.6922,
3.8398

147.5996,
148.1968, 226.3207

■ 0.0000, 0.0000,
1.5379

183.0779,

■ 0.0000, 0.0000,

184.4195, 275.3519

0.2459

223.8293,
226.1103, 330.9977

■ 0.0000, 0.0000,
0.0000

■ 25.0069, 24.1650,
47.6023

■ 25.0069, 24.1650,
47.6023

■ 20.6455, 18.9926,
46.8342

■ 30.1754, 30.2295,
48.5009

■ 17.0477, 14.6672,
46.1890

■ 36.1865, 37.2227,
49.5339

■ 14.1698, 11.1440,
45.6606

■ 43.0766, 45.1826,
50.7072

■ 11.9622, 8.3729,
45.2421

■ 50.8794, 54.1442,
52.0257

■ 10.3694, 6.2979,
44.9255

■ 59.6266, 64.1408,
53.4942

■ 9.3262, 4.8550,
44.7020

■ 69.3485, 75.2040,
55.1172

■ 8.7935, 4.0772,
44.5799

■ 80.0739, 87.3643,
56.8991

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



21.6970, 24.1650, 48.3881



25.0069, 24.1650, 47.6023



28.0268, 24.1650, 40.3608

Triad

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



25.0069, 24.1650, 47.6023



27.4573, 24.1650, 14.9629



17.3042, 24.1650, 22.7734

Complementary

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



25.0069, 24.1650, 47.6023



38.0660, 41.6727, 25.1069

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.



18.5580, 24.1650, 15.9718



25.0069, 24.1650, 47.6023



24.2880, 24.1650, 12.2394

Square

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



25.0069, 24.1650, 47.6023



29.5322, 24.1650, 21.0355



21.0433, 24.1650, 12.5582



17.4568, 24.1650, 32.4035

Rectangle

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



25.0069, 24.1650, 47.6023



29.3723, 24.1650, 33.6432



21.0433, 24.1650, 12.5582



17.5698, 24.1650, 20.1309

Sweetspot

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



25.0077, 24.1659, 47.6029



67.6121, 69.8089, 90.1466



32.6126, 40.7703, 45.8387



14.5668, 14.9940, 19.8480



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.



25.0077, 24.1659, 47.6029



39.8246, 37.2854, 85.3335



27.2059, 23.7498, 47.4067



8.6184, 8.9140, 11.3458



6.2393, 2.9384, 31.4914



0.2522, 0.1681, 1.1209

Inverse Universe

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



30.6646, 26.0271, 25.2383



51.7124, 41.4274, 38.2831



35.2060, 42.5617, 25.4292



9.0537, 9.0319, 9.6303



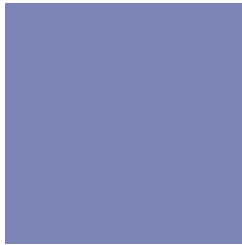
13.7630, 7.0790, 1.3729



0.5015, 0.2561, 0.1341

Previews

White Background



This preview shows how the XYZ color 25.0069, 24.1650, 47.6023 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 25.0069, 24.1650, 47.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

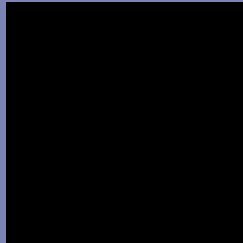
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0069, 24.1650, 47.6023

Background



This preview shows how black text looks on a background with the XYZ color 25.0069, 24.1650, 47.6023.



This preview shows how white text looks on a background with the XYZ color 25.0069, 24.1650,

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

25.0069, 24.1650, 47.6023

Protanopia

24.6805, 24.1870, 48.1675

Deuteranopia

24.7162, 24.2174, 47.6277



Tritanopia

21.8494, 24.1288, 31.9395

Trichromacy



Original Color

25.0069, 24.1650, 47.6023

Protanomaly

24.8199, 24.2589, 48.1740

Deuteranomaly

24.8571, 24.2900, 47.6343

Tritanomaly

22.9829, 24.1746, 37.1730

Monochromacy



Original Color

25.0069, 24.1650, 47.6023

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5527, 24.1425, 33.1244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0069, 24.1650, 47.6023 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(124, 132, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 132, 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(124, 132, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 132, 182) }
```

Border

The CSS property to change the border of an element to XYZ 25.0069, 24.1650, 47.6023 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(124, 132, 182) }
```


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

```
.border{ border-color:rgb(124, 132, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 132, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 132, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 132, 182);  
box-shadow:4px 4px 4px 4px rgb(124, 132,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0069, 24.1650, 47.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 132, 182) }
```

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

```
.background{ background-color: rgb(124,  
132, 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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