

Converting Colors

XYZ(25.5254, 24.4095, 50.7353)

Have a look what the booklet for
XYZ(25.5254, 24.4095, 50.7353)
contains.

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Color

**XYZ(25.4967, 24.3443,
50.9321)**

Conversions

Conversions Part 1

Format	Color
Hex	7B84BC
RGB	123, 132, 188
RGB Percent	48%, 52%, 74%
CMY	0.5176, 0.4823, 0.2627
CMYK	0.35, 0.30, 0.00, 0.26
HSL	232°, 33%, 61%
HSV	232°, 35%, 74%
XYZ	25.4967, 24.3443, 50.9321
YIQ	135.6930, -23.3400, 15.5080

Conversions

Conversions Part 2

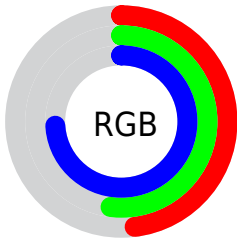
Format	Color
R_{YB}	123, 131, 188
Decimal	8094908
CIE _{Lab}	56.43, 10.26, -30.37
CIE _{LCh}	56, 32.060, 288.674
Yxy	24.3443, 0.2530, 0.2416
Android (android.graphics.Color)	4286284988 (0xFF7B84BC)
YUV	135.6930, 25.7874, -11.1318
Hunter-Lab	49.3399, 5.8960, -26.6653

Details

The XYZ color **25.4967, 24.3443, 50.9321** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **40.4348, 44.3621, 25.1713**, and the grayscale version is **23.2007, 24.4089, 26.5813**.

A 20% lighter version of the original color is **51.8096, 50.5767, 92.6196**, and **9.9949, 9.2473, 23.8124** is the 20% darker color. If you saturate the color by 10%, you get **21.0326, 19.0321, 50.1425**, and if you desaturate by 10%, it is **30.8199, 30.6067, 51.8607**.

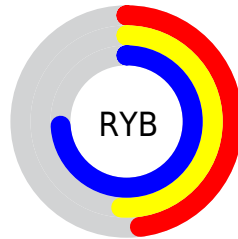
Distribution



Red (48%)

Green (52%)

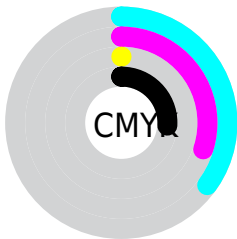
Blue (74%)



Red (48%)

Yellow (51%)

Blue (74%)

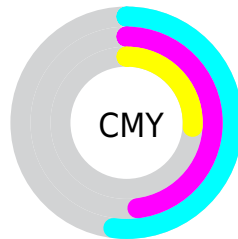


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (52%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4967, 24.3443, 50.9321 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 25.4967, 24.3443, 50.9321 by changing the saturation by 10% instead.

■ 25.4967, 24.3443,
50.9321

■ 25.4967, 24.3443,
50.9321

272.6048,
274.5566, 407.1389

■ 16.5782, 15.5892,
35.7782

■ 51.8990, 50.5915,
92.9649

■ 10.0277, 9.2339,
23.9746

■ 70.1135, 68.8523,
120.6808

■ 5.4797, 4.8941,
15.1028

■ 92.1574, 91.0506,
153.4213

■ 2.5690, 2.1853,
8.7441

118.3960,
117.5707, 191.6047

■ 0.9302, 0.7119,
4.4801

149.1947,
148.7969, 235.6496

■ 0.0000, 0.0000,
1.8923

184.9188,

■ 0.0000, 0.0000,

185.1137, 285.9746

0.4878

225.9337,
226.9054, 342.9982

■ 0.0000, 0.0000,
0.0000

■ 25.4967, 24.3443,
50.9321

■ 25.4967, 24.3443,
50.9321

■ 21.0326, 19.0321,
50.1425

■ 30.8199, 30.6067,
51.8607

■ 17.3799, 14.6205,
49.4835

■ 37.0417, 37.8598,
52.9328

■ 14.4896, 11.0599,
48.9485

■ 44.2021, 46.1452,
54.1547

■ 12.3068, 8.2944,
48.5298

■ 52.3381, 55.5015,
55.5318

■ 10.7686, 6.2613,
48.2184

■ 61.4844, 65.9651,
57.0694

■ 9.8007, 4.8883,
48.0044

■ 71.6742, 77.5706,
58.7724

■ 9.4473, 4.3711,
47.9232

■ 82.9391, 90.3513,
60.6456

■ 86.0772, 96.4109,
61.6498

Harmonies

Analogous

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



21.7666, 24.3443, 51.9858



25.4967, 24.3443, 50.9321



28.9150, 24.3443, 42.4023

Triad

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



25.4967, 24.3443, 50.9321



28.1721, 24.3443, 13.9417



16.8292, 24.3443, 22.6961

Complementary

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



25.4967, 24.3443, 50.9321



40.4348, 44.3621, 25.1713

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.



18.1877, 24.3443, 15.1821



25.4967, 24.3443, 50.9321



24.5669, 24.3443, 11.1056

Square

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



25.4967, 24.3443, 50.9321



30.5698, 24.3443, 20.4930



20.9304, 24.3443, 11.4890



17.0211, 24.3443, 33.5952

Rectangle

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



25.4967, 24.3443, 50.9321



30.4341, 24.3443, 34.6461



20.9304, 24.3443, 11.4890



17.1133, 24.3443, 19.7539

Sweetspot

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



25.4975, 24.3452, 50.9327



72.6407, 75.0013, 96.8743



34.2133, 43.4024, 48.8261



15.2356, 15.6823, 20.7665



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.



25.4975, 24.3452, 50.9327



40.3113, 37.1149, 91.2655



27.9705, 23.8857, 50.7136



9.1202, 9.4328, 12.0122



6.4650, 3.0417, 32.6393



0.2881, 0.1888, 1.2901

Inverse Universe

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



31.9876, 26.5240, 25.2644



53.8252, 41.9341, 37.7539



37.1281, 45.4233, 25.5504



9.5825, 9.5573, 10.1906



14.2640, 7.3368, 1.4179



0.5763, 0.2944, 0.1481

Previews

White Background



This preview shows how the XYZ color 25.4967, 24.3443, 50.9321 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 25.4967, 24.3443, 50.9321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

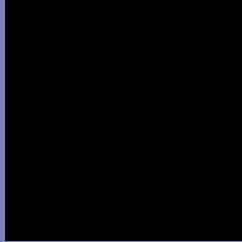
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4967, 24.3443, 50.9321

Background



This preview shows how black text looks on a background with the XYZ color 25.4967, 24.3443, 50.9321.



This preview shows how white text looks on a background with the XYZ color 25.4967, 24.3443,

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

25.4967, 24.3443, 50.9321

Protanopia

25.0441, 24.3007, 51.5147

Deuteranopia

25.0734, 24.5326, 50.9907



Tritanopia

21.6771, 24.2447, 32.3913

Trichromacy



Original Color

25.4967, 24.3443, 50.9321

Protanomaly

25.3186, 24.4423, 51.5275

Deuteranomaly

25.2104, 24.3990, 50.9577

Tritanomaly

22.8411, 24.0706, 38.5642

Monochromacy



Original Color

25.4967, 24.3443, 50.9321

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9404, 24.5198, 34.4813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4967, 24.3443, 50.9321 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(123, 132, 188)` looks like.

```
.text, #text, p{  
    color:rgb(123, 132, 188)  
}
```

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(123, 132, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 132, 188) }
```

Border

The CSS property to change the border of an element to XYZ 25.4967, 24.3443, 50.9321 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(123, 132, 188) }
```


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

```
.border{ border-color:rgb(123, 132, 188) }
```

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

Here you see how a box with a 4 pixel rgb(123, 132, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 132, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 132, 188);  
box-shadow:4px 4px 4px 4px rgb(123, 132,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4967, 24.3443, 50.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 132, 188) }
```

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

```
.background{ background-color: rgb(123,  
132, 188) }
```

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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