

Converting Colors

XYZ(25.4264, 24.3328, 49.8110)

Have a look what the booklet for
XYZ(25.4264, 24.3328, 49.8110)
contains.

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Color

**XYZ(25.4264, 24.3328,
49.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	7C84BA
RGB	124, 132, 186
RGB Percent	49%, 52%, 73%
CMY	0.5137, 0.4823, 0.2706
CMYK	0.33, 0.29, 0.00, 0.27
HSL	232°, 31%, 61%
HSV	232°, 33%, 73%
XYZ	25.4264, 24.3328, 49.8110
YIQ	135.7640, -22.1020, 15.0980

Conversions

Conversions Part 2

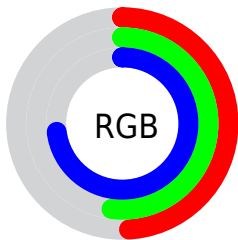
Format	Color
RYB	124, 131, 186
Decimal	8160442
CIELab	56.42, 10.02, -29.24
CIELCh	56, 30.913, 288.908
Yxy	24.3328, 0.2554, 0.2444
Android (android.graphics.Color)	4286350522 (0xFF7C84BA)
YUV	135.7640, 24.7663, -10.3170
Hunter-Lab	49.3283, 5.6838, -25.3404

Details

The XYZ color **25.4264, 24.3328, 49.8110** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.8088, 43.7358, 25.4134**, and the grayscale version is **23.2305, 24.4403, 26.6155**.

A 20% lighter version of the original color is **51.7361, 50.5737, 91.0393**, and **10.0745, 9.2964, 23.4537** is the 20% darker color. If you saturate the color by 10%, you get **20.9588, 19.0182, 49.0211**, and if you desaturate by 10%, it is **30.7438, 30.5929, 50.7395**.

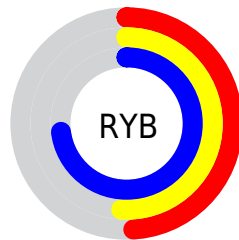
Distribution



Red (49%)

Green (52%)

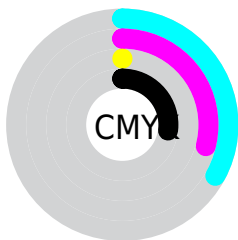
Blue (73%)



Red (49%)

Yellow (51%)

Blue (73%)

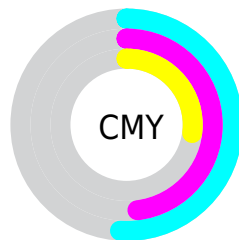


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4264, 24.3328, 49.8110 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 25.4264, 24.3328, 49.8110 by changing the saturation by 10% instead.

■ 25.4264, 24.3328,
49.8110

■ 25.4264, 24.3328,
49.8110

272.2635,
274.4987, 402.6403

■ 16.5254, 15.5807,
34.8931

■ 51.7861, 50.5727,
91.2882

■ 9.9899, 9.2279,
23.2977

■ 69.9755, 68.8293,
118.6846

■ 5.4545, 4.8901,
14.6061

■ 91.9917, 91.0229,
151.0776

■ 2.5538, 2.1830,
8.3999

118.2002,
117.5378, 188.8857

■ 0.9225, 0.7107,
4.2604

148.9663,
148.7584, 232.5275

■ 0.0000, 0.0000,
1.7693

184.6553,

■ 0.0000, 0.0000,

185.0692, 282.4215

0.4076

225.6326,
226.8545, 338.9862

■ 0.0000, 0.0000,
0.0000

■ 25.4264, 24.3328,
49.8110

■ 25.4264, 24.3328,
49.8110

■ 20.9588, 19.0182,
49.0211

■ 30.7438, 30.5929,
50.7395

■ 17.2942, 14.6002,
48.3615

■ 36.9496, 37.8387,
51.8110

■ 14.3852, 11.0297,
47.8256

■ 44.0828, 46.1114,
53.0318

■ 12.1781, 8.2517,
47.4057

■ 52.1797, 55.4489,
54.4074

■ 10.6121, 6.2044,
47.0931

■ 61.2743, 65.8875,
55.9429

■ 9.6155, 4.8167,
46.8778

■ 71.3991, 77.4614,
57.6433

■ 9.1896, 4.1985,
46.7809

■ 82.5851, 90.2035,
59.5132

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



21.8308, 24.3328, 50.8761



25.4264, 24.3328, 49.8110



28.7021, 24.3328, 41.6467

Triad

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



25.4264, 24.3328, 49.8110



27.9440, 24.3328, 14.2589



17.0190, 24.3328, 22.8861

Complementary

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



25.4264, 24.3328, 49.8110



39.8088, 43.7358, 25.4134

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.



18.3261, 24.3328, 15.5511



25.4264, 24.3328, 49.8110



24.4748, 24.3328, 11.4954

Square

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



25.4264, 24.3328, 49.8110



30.2558, 24.3328, 20.6154



20.9717, 24.3328, 11.8979



17.2173, 24.3328, 33.3963

Rectangle

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



25.4264, 24.3328, 49.8110



30.1488, 24.3328, 34.2252



20.9717, 24.3328, 11.8979



17.2910, 24.3328, 20.0251

Sweetspot

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



25.4272, 24.3337, 49.8116



70.8818, 73.1277, 94.5806



33.8809, 42.6072, 48.4181



15.2207, 15.6525, 20.7616



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.



25.4272, 24.3337, 49.8116



40.0052, 36.8811, 89.2117



28.0563, 24.1399, 49.6356



8.6120, 8.9013, 11.3437



6.2141, 2.8879, 31.4830



0.2495, 0.1626, 1.1200

Inverse Universe

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



31.6230, 26.5213, 25.2831



53.0417, 41.7430, 37.5431



36.3566, 44.3884, 25.7214



9.0505, 9.0306, 9.6135



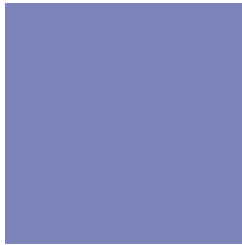
13.7503, 7.0739, 1.3058



0.5001, 0.2555, 0.1269

Previews

White Background



This preview shows how the XYZ color 25.4264, 24.3328, 49.8110 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 25.4264, 24.3328, 49.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

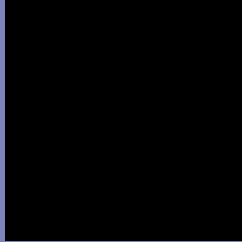
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4264, 24.3328, 49.8110

Background



This preview shows how black text looks on a background with the XYZ color 25.4264, 24.3328, 49.8110.



This preview shows how white text looks on a background with the XYZ color 25.4264, 24.3328,

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

25.4264, 24.3328, 49.8110

Protanopia

24.9649, 24.2849, 50.3854

Deuteranopia

24.8582, 24.2422, 49.8234



Tritanopia

21.9401, 24.3802, 32.4037

Trichromacy



Original Color

25.4264, 24.3328, 49.8110

Protanomaly

25.2423, 24.4279, 50.3983

Deuteranomaly

25.1356, 24.3852, 49.8364

Tritanomaly

23.0228, 24.1746, 38.1031

Monochromacy



Original Color

25.4264, 24.3328, 49.8110

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0124, 24.5666, 34.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4264, 24.3328, 49.8110 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(124, 132, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 132, 186) }
```

Border

The CSS property to change the border of an element to XYZ 25.4264, 24.3328, 49.8110 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, 186) }
```


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

```
.border{ border-color:rgb(124, 132, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 132, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 132, 186);  
box-shadow:4px 4px 4px 4px rgb(124, 132,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4264, 24.3328, 49.8110 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, 186) }
```

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

```
.background{ background-color: rgb(124,  
132, 186) }
```

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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