

Converting Colors

XYZ(24.5095, 25.4046, 39.9850)

Have a look what the booklet for
XYZ(24.5095, 25.4046, 39.9850)
contains.

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Color

**XYZ(24.5210, 25.3270,
40.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8AA7
RGB	125, 138, 167
RGB Percent	49%, 54%, 65%
CMY	0.5098, 0.4588, 0.3451
CMYK	0.25, 0.17, 0.00, 0.35
HSL	221°, 19%, 57%
HSV	221°, 25%, 65%
XYZ	24.5210, 25.3270, 40.1554
YIQ	137.4190, -17.0570, 6.2630

Conversions

Conversions Part 2

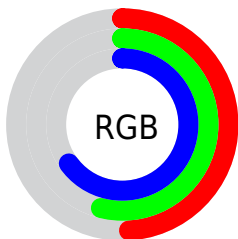
Format	Color
R_{YB}	125, 135, 167
Decimal	8227495
CIE _{Lab}	57.39, 1.95, -16.89
CIE _{LCh}	57, 16.998, 276.595
Yxy	25.3270, 0.2724, 0.2814
Android (android.graphics.Color)	4286417575 (0xFF7D8AA7)
YUV	137.4190, 14.5834, -10.8915
Hunter-Lab	50.3259, -1.0974, -12.0797

Details

The XYZ color **24.5210, 25.3270, 40.1554** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.1939, 32.8074, 24.0911**, and the grayscale version is **23.8882, 25.1323, 27.3690**.

A 20% lighter version of the original color is **50.1757, 52.0005, 76.4998**, and **9.4859, 9.7131, 17.5945** is the 20% darker color. If you saturate the color by 10%, you get **20.7177, 21.0400, 39.5288**, and if you desaturate by 10%, it is **28.9115, 30.1786, 40.8609**.

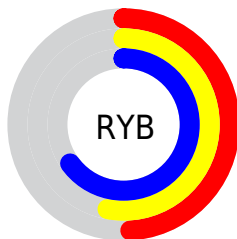
Distribution



Red (49%)

Green (54%)

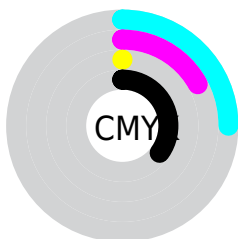
Blue (65%)



Red (49%)

Yellow (53%)

Blue (65%)

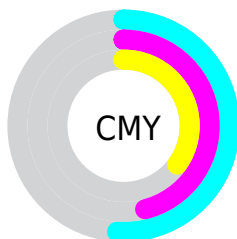


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5210, 25.3270, 40.1554 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 24.5210, 25.3270, 40.1554 by changing the saturation by 10% instead.

■ 24.5210, 25.3270,
40.1554

■ 24.5210, 25.3270,
40.1554

267.8359,
279.4625, 362.3497

■ 15.8474, 16.3208,
27.3450

■ 50.3276, 52.1872,
76.6398

■ 9.5064, 9.7515,
17.5978

■ 68.1912, 70.8101,
101.1508

■ 5.1327, 5.2345,
10.4952

■ 89.8490, 93.4073,
130.3992

■ 2.3609, 2.3855,
5.6186

115.6661,
120.3633, 164.8034

■ 0.8255, 0.8184,
2.5496

146.0080,
152.0624, 204.7821

■ 0.0000, 0.0000,
0.8663

181.2400,

■ 0.0000, 0.0000,

188.8890, 250.7536

0.0000

221.7275,
231.2276, 303.1366

■ 24.5210, 25.3270,
40.1554

■ 24.5210, 25.3270,
40.1554

■ 20.7177, 21.0400,
39.5288

■ 28.9115, 30.1786,
40.8609

■ 17.4732, 17.2932,
38.9766

■ 33.9110, 35.6121,
41.6461

■ 14.7604, 14.0645,
38.4964

■ 39.5432, 41.6477,
42.5143

■ 12.5487, 11.3294,
38.0850

■ 45.8298, 48.3036,
43.4677

■ 10.8041, 9.0607,
37.7391

■ 52.7913, 55.5975,
44.5086

■ 9.4882, 7.2284,
37.4548

■ 60.4475, 63.5459,
45.6393

■ 8.5540, 5.7973,
37.2278

■ 68.8172, 72.1652,
46.8618

■ 8.1896, 5.2190,
37.1353

■ 76.5807, 80.7811,
48.1157

■ 79.9010, 87.4218,
49.2225

Harmonies

Analogous

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



22.5638, 25.3270, 39.0848



24.5210, 25.3270, 40.1554



26.4608, 25.3270, 37.4963

Triad

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



24.5210, 25.3270, 40.1554



27.3244, 25.3270, 21.4679



20.6841, 25.3270, 23.3936

Complementary

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



24.5210, 25.3270, 40.1554



31.1939, 32.8074, 24.0911

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.



21.8325, 25.3270, 19.5819



24.5210, 25.3270, 40.1554



25.6471, 25.3270, 18.5834

Square

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



24.5210, 25.3270, 40.1554



28.1368, 25.3270, 26.3200



23.6296, 25.3270, 17.9446



20.4198, 25.3270, 28.8730

Rectangle

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



24.5210, 25.3270, 40.1554



27.4595, 25.3270, 34.1590



23.6296, 25.3270, 17.9446



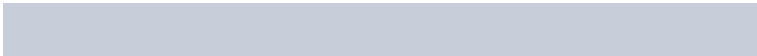
20.9763, 25.3270, 21.8997

Sweetspot

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



24.5218, 25.3280, 40.1560



57.9322, 60.7514, 74.1481



28.0845, 34.3210, 35.5860



12.6659, 13.2715, 16.5462



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.5218, 25.3280, 40.1560



40.1141, 41.0951, 71.2932



23.9349, 22.4201, 39.6256



7.3142, 7.6653, 9.5124



6.3059, 4.0721, 28.4291



0.1984, 0.1890, 0.7067

Inverse Universe

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



27.8581, 24.7184, 27.3488



47.1570, 40.0537, 44.2019



31.8785, 36.5202, 24.7717



7.6232, 7.5791, 8.3329



12.6835, 6.4821, 3.1451



0.3313, 0.1668, 0.1961

Previews

White Background



This preview shows how the XYZ color 24.5210, 25.3270, 40.1554 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 24.5210, 25.3270, 40.1554 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

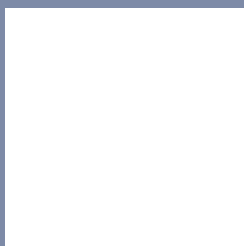
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5210, 25.3270, 40.1554

Background



This preview shows how black text looks on a background with the XYZ color 24.5210, 25.3270, 40.1554.



This preview shows how white text looks on a background with the XYZ color 24.5210, 25.3270,

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

24.5210, 25.3270, 40.1554

Protanopia

25.0472, 25.1868, 39.6178

Deuteranopia

25.8852, 25.3893, 40.5821



Tritanopia

23.2184, 25.4543, 33.3952

Trichromacy



Original Color

24.5210, 25.3270, 40.1554

Protanomaly

24.8819, 25.3116, 39.6506

Deuteranomaly

25.3878, 25.3410, 40.5990

Tritanomaly

23.6323, 25.4014, 35.5557

Monochromacy



Original Color

24.5210, 25.3270, 40.1554

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9638, 25.0160, 31.5825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5210, 25.3270, 40.1554 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(125, 138, 167)` looks like.

```
.text, #text, p{  
    color:rgb(125, 138, 167)  
}
```

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(125, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 138, 167) }
```

Border

The CSS property to change the border of an element to XYZ 24.5210, 25.3270, 40.1554 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(125, 138, 167) }
```


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

```
.border{ border-color:rgb(125, 138, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 138, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(125, 138,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5210, 25.3270, 40.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 138, 167) }
```

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

```
.background{ background-color: rgb(125,  
138, 167) }
```

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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