

Converting Colors

XYZ(25.1419, 24.9253, 40.3168)

Have a look what the booklet for
XYZ(25.1419, 24.9253, 40.3168)
contains.

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Color

**XYZ(25.2476, 25.0606,
40.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	8487A8
RGB	132, 135, 168
RGB Percent	52%, 53%, 66%
CMY	0.4823, 0.4706, 0.3412
CMYK	0.21, 0.20, 0.00, 0.34
HSL	235°, 17%, 59%
HSV	235°, 21%, 66%
XYZ	25.2476, 25.0606, 40.5523
YIQ	137.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

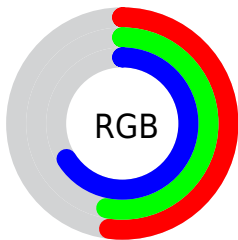
Format	Color
R_{YB}	132, 135, 168
Decimal	8685480
CIE _{Lab}	57.13, 6.18, -17.80
CIE _{LCh}	57, 18.844, 289.141
Yxy	25.0606, 0.2779, 0.2758
Android (android.graphics.Color)	4286875560 (0xFF8487A8)
YUV	137.8650, 14.8566, -5.1436
Hunter-Lab	50.0606, 2.4189, -12.9863

Details

The XYZ color **25.2476, 25.0606, 40.5523** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.7688, 36.9013, 27.1734**, and the grayscale version is **24.0552, 25.3080, 27.5604**.

A 20% lighter version of the original color is **51.5522, 51.7333, 77.0805**, and **9.8806, 9.5518, 17.8459** is the 20% darker color. If you saturate the color by 10%, you get **20.8336, 19.8234, 39.7745**, and if you desaturate by 10%, it is **30.3970, 31.1396, 41.4547**.

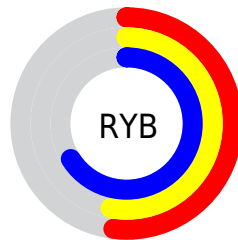
Distribution



Red (52%)

Green (53%)

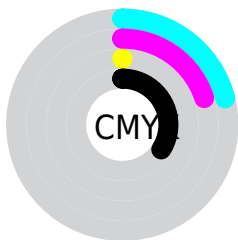
Blue (66%)



Red (52%)

Yellow (53%)

Blue (66%)

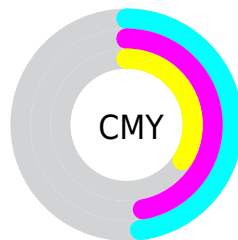


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (34%)



Cyan (48%)

Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2476, 25.0606, 40.5523 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 25.2476, 25.0606, 40.5523 by changing the saturation by 10% instead.

■ 25.2476, 25.0606,
40.5523

■ 25.2476, 25.0606,
40.5523

271.3937,
278.1396, 364.0670

■ 16.3913, 16.1222,
27.6524

■ 51.4986, 51.7555,
77.2501

■ 9.8941, 9.6107,
17.8270

■ 69.6241, 70.2808,
101.8850

■ 5.3905, 5.1416,
10.6577

■ 91.5700, 92.7706,
131.2687

■ 2.5153, 2.3306,
5.7259

117.7017,
119.6092, 165.8196

■ 0.9030, 0.7898,
2.6131

148.3846,
151.1809, 205.9564

■ 0.0000, 0.0000,
0.8992

183.9840,

■ 0.0000, 0.0000,

187.8704, 252.0975

0.0000

224.8652,
230.0618, 304.6616

■ 25.2476, 25.0606,
40.5523

■ 25.2476, 25.0606,
40.5523

■ 20.8336, 19.8234,
39.7745

■ 30.3970, 31.1396,
41.4547

■ 17.1193, 15.3879,
39.1141

■ 36.3109, 38.0919,
42.4849

■ 14.0692, 11.7153,
38.5660

■ 43.0196, 45.9513,
43.6483

■ 11.6440, 8.7626,
38.1239

■ 50.5509, 54.7489,
44.9495

■ 9.8002, 6.4821,
37.7809

■ 58.9315, 64.5143,
46.3927

■ 8.4887, 4.8207,
37.5293

■ 68.1869, 75.2756,
47.9820

■ 7.6520, 3.7171,
37.3604

■ 78.3412, 87.0601,
49.7215

■ 7.2250, 3.1413,
37.2718

■ 84.0680, 95.6072,
51.0694

Harmonies

Analogous

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



23.0236, 25.0606, 41.1507



25.2476, 25.0606, 40.5523



27.1983, 25.0606, 36.0978

Triad

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



25.2476, 25.0606, 40.5523



26.7245, 25.0606, 19.0407



19.8657, 25.0606, 25.0463

Complementary

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



25.2476, 25.0606, 40.5523



33.7688, 36.9013, 27.1734

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.



20.7325, 25.0606, 20.0405



25.2476, 25.0606, 40.5523



24.6332, 25.0606, 16.9494

Square

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



25.2476, 25.0606, 40.5523



28.0869, 25.0606, 23.4688



22.4460, 25.0606, 17.2845



20.0075, 25.0606, 31.4978

Rectangle

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



25.2476, 25.0606, 40.5523



28.0381, 25.0606, 31.8786



22.4460, 25.0606, 17.2845



20.0466, 25.0606, 23.1584

Sweetspot

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



25.2484, 25.0616, 40.5529



60.6895, 63.0139, 76.1893



30.2560, 35.6062, 40.5902



13.0840, 13.5654, 16.5809



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.



25.2484, 25.0616, 40.5529



41.6084, 40.4913, 72.8477



27.2451, 25.4782, 40.5280



7.1802, 7.3973, 9.4677



5.4729, 2.4059, 28.1514



0.1483, 0.0889, 0.6900

Inverse Universe

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



28.7736, 26.5774, 26.5361



49.2521, 43.8381, 42.4417



31.4185, 36.5026, 27.2204



7.5556, 7.5521, 7.9768



12.2630, 6.3139, 0.9308



0.3060, 0.1567, 0.0629

Previews

White Background



This preview shows how the XYZ color 25.2476, 25.0606, 40.5523 looks on a white background.

Color Contrast Check

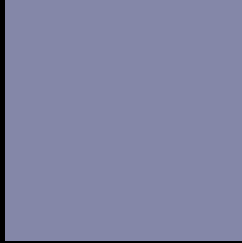
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2476, 25.0606, 40.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

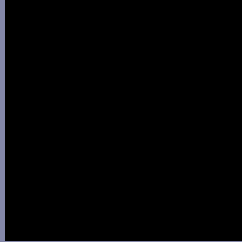
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2476, 25.0606, 40.5523

Background



This preview shows how black text looks on a background with the XYZ color 25.2476, 25.0606, 40.5523.



This preview shows how white text looks on a background with the XYZ color 25.2476, 25.0606,

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

25.2476, 25.0606, 40.5523

Protanopia

24.9253, 25.1026, 40.5774

Deuteranopia

25.5847, 25.0282, 40.5283



Tritanopia

23.4154, 24.9361, 32.0128

Trichromacy



Original Color

25.2476, 25.0606, 40.5523

Protanomaly

25.0780, 25.1813, 40.5845

Deuteranomaly

25.4245, 24.9457, 40.5208

Tritanomaly

23.9997, 24.9587, 35.0051

Monochromacy



Original Color

25.2476, 25.0606, 40.5523

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5238, 25.2955, 32.0237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2476, 25.0606, 40.5523 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(132, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(132, 135, 168)  
}
```

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(132, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 135, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.2476, 25.0606, 40.5523 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(132, 135, 168) }
```


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

```
.border{ border-color:rgb(132, 135, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 135, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(132, 135,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2476, 25.0606, 40.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 135, 168) }
```

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

```
.background{ background-color: rgb(132,  
135, 168) }
```

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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