

Converting Colors

XYZ(24.4770, 24.8715, 40.5607)

Have a look what the booklet for
XYZ(24.4770, 24.8715, 40.5607)
contains.

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Color

**XYZ(24.4762, 24.8711,
40.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	7E88A8
RGB	126, 136, 168
RGB Percent	49%, 53%, 66%
CMY	0.5059, 0.4667, 0.3412
CMYK	0.25, 0.19, 0.00, 0.34
HSL	226°, 19%, 58%
HSV	226°, 25%, 66%
XYZ	24.4762, 24.8711, 40.5564
YIQ	136.6580, -16.2320, 7.8320

Conversions

Conversions Part 2

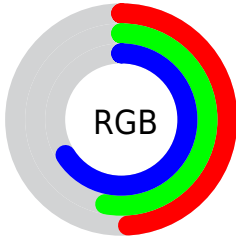
Format	Color
R_{YB}	126, 134, 168
Decimal	8292520
CIE _{Lab}	56.95, 3.67, -18.13
CIE _{LCh}	57, 18.493, 281.440
Yxy	24.8711, 0.2722, 0.2766
Android (android.graphics.Color)	4286482600 (0xFF7E88A8)
YUV	136.6580, 15.4516, -9.3471
Hunter-Lab	49.8709, 0.3320, -13.3066

Details

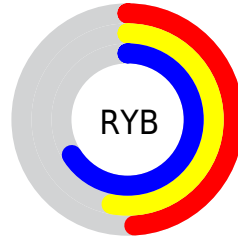
The XYZ color **24.4762, 24.8711, 40.5564** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.1415, 34.2849, 24.6629**, and the grayscale version is **23.5975, 24.8264, 27.0359**.

A 20% lighter version of the original color is **50.1073, 51.3066, 77.0743**, and **9.4607, 9.4530, 17.8490** is the 20% darker color. If you saturate the color by 10%, you get **20.5077, 20.3077, 39.8851**, and if you desaturate by 10%, it is **29.0776, 30.0816, 41.3200**.

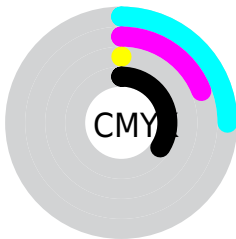
Distribution



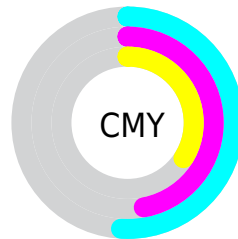
- Red (49%)
- Green (53%)
- Blue (66%)



- Red (49%)
- Yellow (53%)
- Blue (66%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4762, 24.8711, 40.5564 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 24.4762, 24.8711, 40.5564 by changing the saturation by 10% instead.

■ 24.4762, 24.8711,
40.5564

■ 24.4762, 24.8711,
40.5564

267.6152,
277.1954, 364.0848

■ 15.8139, 15.9810,
27.6555

■ 50.2552, 51.4480,
77.2564

■ 9.4826, 9.5107,
17.8294

■ 68.1026, 69.9037,
101.8926

■ 5.1169, 5.0758,
10.6594

■ 89.7425, 92.3167,
131.2776

■ 2.3515, 2.2918,
5.7270

115.5401,
119.0714, 165.8301

■ 0.8208, 0.7694,
2.6137

145.8608,
150.5523, 205.9685

■ 0.0000, 0.0000,
0.8995

181.0700,

■ 0.0000, 0.0000,

187.1436, 252.1114

0.0000

221.5330,
229.2299, 304.6773

■ 24.4762, 24.8711,
40.5564

■ 24.4762, 24.8711,
40.5564

■ 20.5077, 20.3077,
39.8851

■ 29.0776, 30.0816,
41.3200

■ 17.1414, 16.3625,
39.3011

■ 34.3360, 35.9605,
42.1776

■ 14.3477, 13.0089,
38.8010

■ 40.2772, 42.5317,
43.1328

■ 12.0930, 10.2173,
38.3810

■ 46.9248, 49.8172,
44.1887

■ 10.3406, 7.9549,
38.0367

■ 54.3013, 57.8379,
45.3481

■ 9.0484, 6.1856,
37.7633

■ 62.4281, 66.6138,
46.6137

■ 8.1661, 4.8673,
37.5553

■ 71.3259, 76.1643,
47.9882

■ 7.8270, 4.3452,
37.4724

■ 78.9988, 85.4688,
49.3797

■ 82.8672, 93.2056,
50.6692

Harmonies

Analogous

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



22.3364, 24.8711, 40.0559



24.4762, 24.8711, 40.5564



26.5085, 24.8711, 37.0582

Triad

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



24.4762, 24.8711, 40.5564



26.9058, 24.8711, 19.9191



19.9016, 24.8711, 23.4535

Complementary

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



24.4762, 24.8711, 40.5564



32.1415, 34.2849, 24.6629

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.



20.9848, 24.8711, 19.0766



24.4762, 24.8711, 40.5564



24.9918, 24.8711, 17.2616

Square

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



24.4762, 24.8711, 40.5564



27.9674, 24.8711, 24.7796



22.8216, 24.8711, 16.9788



19.7824, 24.8711, 29.5194

Rectangle

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



24.4762, 24.8711, 40.5564



27.4951, 24.8711, 33.2018



22.8216, 24.8711, 16.9788



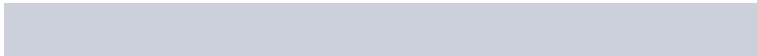
20.1619, 24.8711, 21.7618

Sweetspot

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



24.4770, 24.8721, 40.5570



60.1732, 62.8796, 76.1906



28.7359, 34.8928, 37.3435



12.9956, 13.5718, 16.5868



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.



24.4770, 24.8721, 40.5570



40.2799, 40.3940, 72.8989



24.7640, 23.0257, 40.1854



7.2715, 7.5799, 9.4982



5.9449, 3.3500, 28.3088



0.1826, 0.1574, 0.7014

Inverse Universe

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



28.0539, 25.0247, 26.6453



47.9567, 40.9276, 42.9953



31.7714, 36.7306, 25.1544



7.6016, 7.5705, 8.2193



12.5013, 6.4092, 2.1855



0.3233, 0.1636, 0.1540

Previews

White Background



This preview shows how the XYZ color 24.4762, 24.8711, 40.5564 looks on a white background.

Color Contrast Check

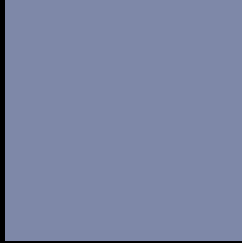
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4762, 24.8711, 40.5564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

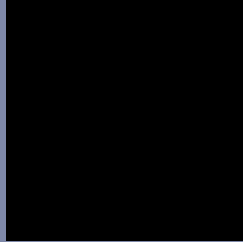
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

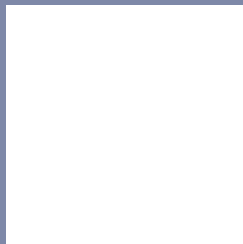
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4762, 24.8711, 40.5564

Background



This preview shows how black text looks on a background with the XYZ color 24.4762, 24.8711, 40.5564.

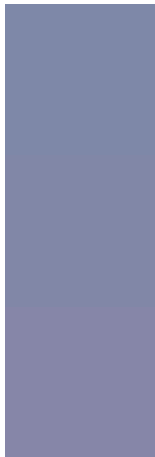


This preview shows how white text looks on a background with the XYZ color 24.4762, 24.8711,

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

24.4762, 24.8711, 40.5564

Protanopia

24.6923, 24.7851, 40.0418

Deuteranopia

25.4245, 24.9457, 40.5208



Tritanopia

22.7637, 24.8048, 32.4422

Trichromacy



Original Color

24.4762, 24.8711, 40.5564

Protanomaly

24.5411, 24.7072, 40.0347

Deuteranomaly

25.0919, 24.9804, 40.5450

Tritanomaly

23.3427, 24.8222, 35.4592

Monochromacy



Original Color

24.4762, 24.8711, 40.5564

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 24.4762, 24.8711, 40.5564 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(126, 136, 168)` looks like.

```
.text, #text, p{  
    color:rgb(126, 136, 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(126, 136, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 136, 168) }
```

Border

The CSS property to change the border of an element to XYZ 24.4762, 24.8711, 40.5564 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(126, 136, 168) }
```


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

```
.border{ border-color:rgb(126, 136, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 136, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 136, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 136, 168);  
box-shadow:4px 4px 4px 4px rgb(126, 136,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4762, 24.8711, 40.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 136, 168) }
```

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

```
.background{ background-color: rgb(126,  
136, 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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