

Converting Colors

XYZ(24.5681, 26.1089, 38.4157)

Have a look what the booklet for
XYZ(24.5681, 26.1089, 38.4157)
contains.

XYZ(24.4479, 25.9792, 38.3763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.4479, 25.9792,
38.3763)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8DA3
RGB	124, 141, 163
RGB Percent	49%, 55%, 64%
CMY	0.5137, 0.4470, 0.3608
CMYK	0.24, 0.13, 0.00, 0.36
HSL	214°, 17%, 56%
HSV	214°, 24%, 64%
XYZ	24.4479, 25.9792, 38.3763
YIQ	138.4250, -17.1940, 3.2380

Conversions

Conversions Part 2

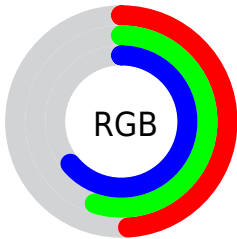
Format	Color
RYB	124, 136, 163
Decimal	8162723
CIELab	58.02, -1.06, -13.66
CIELCh	58, 13.699, 265.576
Yxy	25.9792, 0.2753, 0.2925
Android (android.graphics.Color)	4286352803 (0xFF7C8DA3)
YUV	138.4250, 12.1155, -12.6507
Hunter-Lab	50.9698, -3.5788, -8.9619

Details

The XYZ color **24.4479, 25.9792, 38.3763** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0215, 29.7995, 23.2916**, and the grayscale version is **24.2803, 25.5448, 27.8183**.

A 20% lighter version of the original color is **50.3015, 53.4393, 73.9933**, and **9.4344, 10.0857, 16.4884** is the 20% darker color. If you saturate the color by 10%, you get **20.9844, 22.2646, 37.8423**, and if you desaturate by 10%, it is **28.4149, 30.1218, 38.9672**.

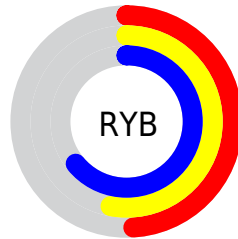
Distribution



Red (49%)

Green (55%)

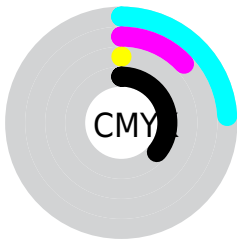
Blue (64%)



Red (49%)

Yellow (53%)

Blue (64%)

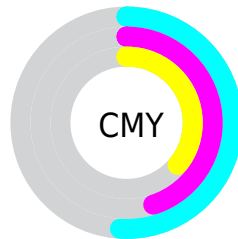


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4479, 25.9792, 38.3763 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 24.4479, 25.9792, 38.3763 by changing the saturation by 10% instead.

■ 24.4479, 25.9792,
38.3763

■ 24.4479, 25.9792,
38.3763

267.4758,
282.6800, 354.5779

■ 15.7927, 16.8081,
25.9708

■ 50.2095, 53.2414,
73.8944

■ 9.4675, 10.0978,
16.5762

■ 68.0466, 72.1012,
97.8440

■ 5.1069, 5.4638,
9.7741

■ 89.6752, 94.9595,
126.4787

■ 2.3455, 2.5219,
5.1458

115.4604,
122.2005, 160.2171

■ 0.8178, 0.8876,
2.2728

145.7678,
154.2086, 199.4776

■ 0.0000, 0.0000,
0.7159

180.9625,

■ 0.0000, 0.0000,

191.3683, 244.6789

0.0000

221.4101,
234.0640, 296.2395

■ 24.4479, 25.9792,
38.3763

■ 24.4479, 25.9792,
38.3763

■ 20.9844, 22.2646,
37.8423

■ 28.4149, 30.1218,
38.9672

■ 18.0003, 18.9595,
37.3616

■ 32.9036, 34.7036,
39.6151

■ 15.4727, 16.0486,
36.9330

■ 37.9339, 39.7395,
40.3219

■ 13.3759, 13.5144,
36.5543

■ 43.5240, 45.2423,
41.0895

■ 11.6815, 11.3374,
36.2234

■ 49.6914, 51.2247,
41.9191

■ 10.3570, 9.4964,
35.9379

■ 56.4525, 57.6986,
42.8124

■ 9.3639, 7.9663,
35.6949

■ 63.8234, 64.6756,
43.7706

■ 8.8679, 7.1583,
35.5651

■ 71.8192, 72.1667,
44.7951

■ 74.4397, 77.0819,
45.6057

Harmonies

Analogous

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



22.9376, 25.9792, 36.4864



24.4479, 25.9792, 38.3763



26.0913, 25.9792, 37.3254

Triad

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



24.4479, 25.9792, 38.3763



27.6742, 25.9792, 24.5336



22.1605, 25.9792, 23.4433

Complementary

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



24.4479, 25.9792, 38.3763



29.0215, 29.7995, 23.2916

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.



23.3445, 25.9792, 20.8398



24.4479, 25.9792, 38.3763



26.5346, 25.9792, 21.4183

Square

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



24.4479, 25.9792, 38.3763



28.0015, 25.9792, 28.9955



24.9386, 25.9792, 20.1418



21.6549, 25.9792, 27.5900

Rectangle

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



24.4479, 25.9792, 38.3763



27.0345, 25.9792, 35.1545



24.9386, 25.9792, 20.1418



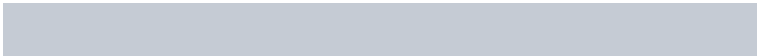
22.4897, 25.9792, 22.3776

Sweetspot

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



24.4487, 25.9803, 38.3769



56.2474, 59.4343, 70.5635



26.5555, 32.5382, 31.8518



12.5314, 13.2453, 15.8337



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.4487, 25.9803, 38.3769



40.1951, 42.7013, 68.1798



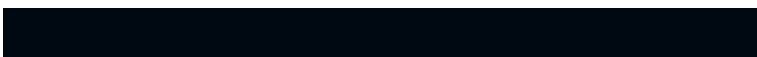
22.4159, 21.4920, 37.6177



6.9426, 7.3442, 8.9547



6.9356, 5.6506, 27.6549



0.1924, 0.2121, 0.5967

Inverse Universe

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



27.1203, 24.1255, 28.4278



45.9390, 39.0200, 46.7205



31.4438, 35.2324, 24.2126



7.1960, 7.1349, 8.0186



12.6462, 6.4146, 5.3277



0.2893, 0.1442, 0.2360

Previews

White Background



This preview shows how the XYZ color 24.4479, 25.9792, 38.3763 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 24.4479, 25.9792, 38.3763 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

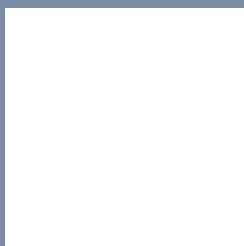
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4479, 25.9792, 38.3763

Background



This preview shows how black text looks on a background with the XYZ color 24.4479, 25.9792, 38.3763.



This preview shows how white text looks on a background with the XYZ color 24.4479, 25.9792,

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

24.4479, 25.9792, 38.3763

Protanopia

25.5132, 25.9011, 37.3729

Deuteranopia

26.4895, 25.9514, 38.7349



Tritanopia

23.6812, 26.1156, 34.3645

Trichromacy



Original Color

24.4479, 25.9792, 38.3763

Protanomaly

25.1143, 25.8992, 37.8578

Deuteranomaly

25.7810, 26.0082, 38.7832

Tritanomaly

23.9272, 25.9913, 35.6540

Monochromacy



Original Color

24.4479, 25.9792, 38.3763

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1719, 25.5584, 31.2630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4479, 25.9792, 38.3763 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, 141, 163) looks like.

```
.text, #text, p{  
    color:rgb(124, 141, 163)  
}
```

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, 141, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 141, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.4479, 25.9792, 38.3763 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, 141, 163) }
```


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

```
.border{ border-color:rgb(124, 141, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 141, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 141, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 141, 163);  
box-shadow:4px 4px 4px 4px rgb(124, 141,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4479, 25.9792, 38.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 141, 163) }
```

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

```
.background{ background-color: rgb(124,  
141, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor