

Converting Colors

XYZ(24.0373, 23.5119, 45.3908)

Have a look what the booklet for
XYZ(24.0373, 23.5119, 45.3908)
contains.

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Color

**XYZ(24.0373, 23.5119,
45.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	7983B2
RGB	121, 131, 178
RGB Percent	47%, 51%, 70%
CMY	0.5255, 0.4863, 0.3020
CMYK	0.32, 0.26, 0.00, 0.30
HSL	229°, 27%, 59%
HSV	229°, 32%, 70%
XYZ	24.0373, 23.5119, 45.3908
YIQ	133.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

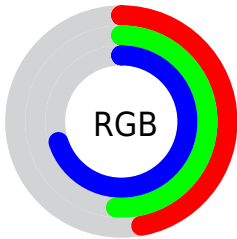
Format	Color
R_{YB}	121, 130, 178
Decimal	7963570
CIE Lab	55.60, 7.59, -25.96
CIE LCh	56, 27.051, 286.296
Yxy	23.5119, 0.2586, 0.2530
Android (android.graphics.Color)	4286153650 (0xFF7983B2)
YUV	133.3680, 22.0036, -10.8467
Hunter-Lab	48.4891, 3.6312, -21.5592

Details

The XYZ color **24.0373, 23.5119, 45.3908** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8143, 38.8510, 23.7012**, and the grayscale version is **22.3568, 23.5211, 25.6145**.

A 20% lighter version of the original color is **49.6710, 49.3355, 84.7467**, and **9.2448, 8.8173, 20.6167** is the 20% darker color. If you saturate the color by 10%, you get **19.9357, 18.6759, 44.6740**, and if you desaturate by 10%, it is **28.8800, 29.1455, 46.2234**.

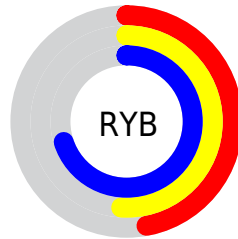
Distribution



Red (47%)

Green (51%)

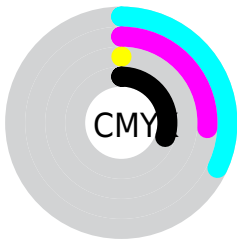
Blue (70%)



Red (47%)

Yellow (51%)

Blue (70%)

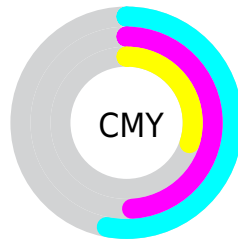


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (30%)



Cyan (53%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0373, 23.5119, 45.3908 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 24.0373, 23.5119, 45.3908 by changing the saturation by 10% instead.

■ 24.0373, 23.5119,
45.3908

■ 24.0373, 23.5119,
45.3908

265.4460,
270.3434, 384.5602

■ 15.4862, 14.9719,
31.4202

■ 49.5453, 49.2325,
84.6312

■ 9.2498, 8.7997,
20.6579

■ 67.2329, 67.1820,
110.7380

■ 4.9629, 4.6108,
12.6853

■ 88.6967, 89.0367,
141.7274

■ 2.2600, 2.0207,
7.0841

114.3020,
115.1811, 178.0177

■ 0.7741, 0.6195,
3.4355

144.4142,
145.9996, 220.0276

■ 0.0000, 0.0000,
1.3211

179.3987,

■ 0.0000, 0.0000,

181.8765, 268.1757

0.0790

219.6209,
223.1964, 322.8803

■ 0.0000, 0.0000,
0.0000

■ 24.0373, 23.5119,
45.3908

■ 24.0373, 23.5119,
45.3908

■ 19.9357, 18.6759,
44.6740

■ 28.8800, 29.1455,
46.2234

■ 16.5358, 14.5984,
44.0661

■ 34.4959, 35.6080,
47.1748

■ 13.7981, 11.2409,
43.5623

■ 40.9179, 42.9324,
48.2501

■ 11.6781, 8.5604,
43.1567

■ 48.1764, 51.1491,
49.4535

■ 10.1255, 6.5092,
42.8426

■ 56.3002, 60.2867,
50.7890

■ 9.0819, 5.0328,
42.6126

■ 65.3167, 70.3730,
52.2606

■ 8.5320, 4.2064,
42.4821

■ 75.2522, 81.4342,
53.8720

■ 82.9723, 91.8671,
55.4789

■ 85.0360, 95.9944,
56.1668

Harmonies

Analogous

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



20.9839, 23.5119, 45.6802



24.0373, 23.5119, 45.3908



26.8707, 23.5119, 39.0786

Triad

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



24.0373, 23.5119, 45.3908



26.6586, 23.5119, 15.2591



17.1104, 23.5119, 21.8168

Complementary

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



24.0373, 23.5119, 45.3908



35.8143, 38.8510, 23.7012

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.



18.3625, 23.5119, 15.6437



24.0373, 23.5119, 45.3908



23.7686, 23.5119, 12.4833

Square

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



24.0373, 23.5119, 45.3908



28.4758, 23.5119, 21.1622



20.7385, 23.5119, 12.6058



17.1680, 23.5119, 30.6196

Rectangle

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



24.0373, 23.5119, 45.3908



28.1717, 23.5119, 32.9799



20.7385, 23.5119, 12.6058



17.3867, 23.5119, 19.4131

Sweetspot

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



24.0381, 23.5128, 45.3913



64.5965, 66.9082, 85.8911



30.8321, 38.7166, 42.6749



13.9703, 14.4333, 18.9718



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.0381, 23.5128, 45.3913



38.5087, 36.6608, 81.4278



25.5297, 22.3831, 45.0947



8.1585, 8.4633, 10.7099



6.1381, 3.0766, 30.4073



0.2295, 0.1695, 0.9689

Inverse Universe

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



29.2948, 24.7791, 24.7125



49.5364, 39.5867, 37.9869



33.8593, 40.6902, 24.1593



8.5552, 8.5288, 9.1562



13.3329, 6.8507, 1.6471



0.4379, 0.2229, 0.1484

Previews

White Background



This preview shows how the XYZ color 24.0373, 23.5119, 45.3908 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 24.0373, 23.5119, 45.3908 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 24.0373, 23.5119, 45.3908

Background



This preview shows how black text looks on a background with the XYZ color 24.0373, 23.5119, 45.3908.



This preview shows how white text looks on a background with the XYZ color 24.0373, 23.5119,

45.3908.

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

24.0373, 23.5119, 45.3908

Protanopia

23.8979, 23.4400, 45.3843

Deuteranopia

24.0373, 23.5119, 45.3908



Tritanopia

21.2304, 23.6068, 31.4546

Trichromacy



Original Color

24.0373, 23.5119, 45.3908

Protanomaly

23.8979, 23.4400, 45.3843

Deuteranomaly

24.0373, 23.5119, 45.3908

Tritanomaly

22.2581, 23.6131, 36.1855

Monochromacy



Original Color

24.0373, 23.5119, 45.3908

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7293, 23.3396, 31.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0373, 23.5119, 45.3908 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(121, 131, 178)` looks like.

```
.text, #text, p{  
    color:rgb(121, 131, 178)  
}
```

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(121, 131, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 131, 178) }
```

Border

The CSS property to change the border of an element to XYZ 24.0373, 23.5119, 45.3908 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(121, 131, 178) }
```


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

```
.border{ border-color:rgb(121, 131, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 131, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 131, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 131, 178);  
box-shadow:4px 4px 4px 4px rgb(121, 131,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0373, 23.5119, 45.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 131, 178) }
```

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

```
.background{ background-color: rgb(121,  
131, 178) }
```

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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