

Converting Colors

XYZ(24.3182, 23.5809, 47.3388)

Have a look what the booklet for
XYZ(24.3182, 23.5809, 47.3388)
contains.

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Color

**XYZ(24.4450, 23.6749,
47.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	7983B6
RGB	121, 131, 182
RGB Percent	47%, 51%, 71%
CMY	0.5255, 0.4863, 0.2863
CMYK	0.34, 0.28, 0.00, 0.29
HSL	230°, 29%, 59%
HSV	230°, 34%, 71%
XYZ	24.4450, 23.6749, 47.5373
YIQ	133.8240, -22.3310, 13.7410

Conversions

Conversions Part 2

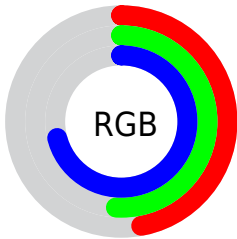
Format	Color
R_{YB}	121, 130, 182
Decimal	7963574
CIE _{Lab}	55.76, 8.66, -28.00
CIE _{LCh}	56, 29.306, 287.181
Yxy	23.6749, 0.2555, 0.2475
Android (android.graphics.Color)	4286153654 (0xFF7983B6)
YUV	133.8240, 23.7508, -11.2466
Hunter-Lab	48.6569, 4.5281, -23.8660

Details

The XYZ color **24.4450, 23.6749, 47.5373** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **37.4959, 40.8315, 23.9953**, and the grayscale version is **22.5175, 23.6902, 25.7986**.

A 20% lighter version of the original color is **50.2523, 49.5680, 87.8079**, and **9.5055, 8.9217, 21.9899** is the 20% darker color. If you saturate the color by 10%, you get **20.2353, 18.6908, 46.7976**, and if you desaturate by 10%, it is **29.4377, 29.5092, 48.4007**.

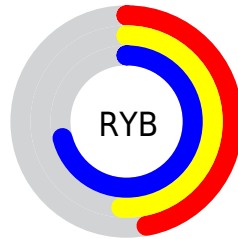
Distribution



Red (47%)

Green (51%)

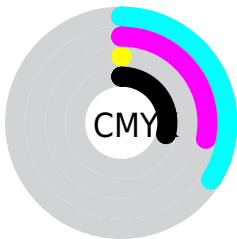
Blue (71%)



Red (47%)

Yellow (51%)

Blue (71%)

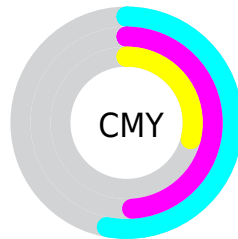


Cyan (34%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4450, 23.6749, 47.5373 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 24.4450, 23.6749, 47.5373 by changing the saturation by 10% instead.

■ 24.4450, 23.6749,
47.5373

■ 24.4450, 23.6749,
47.5373

267.4615,
271.1727, 393.4108

■ 15.7906, 15.0926,
33.1032

■ 50.2048, 49.4992,
87.8735

■ 9.4660, 8.8844,
21.9338

■ 68.0409, 67.5099,
114.6126

■ 5.1059, 4.6659,
13.6104

■ 89.6683, 89.4324,
146.2906

■ 2.3449, 2.0526,
7.7145

115.4523,
115.6508, 183.3258

■ 0.8175, 0.6378,
3.8277

145.7582,
146.5497, 226.1369

■ 0.0000, 0.0000,
1.5313

180.9515,

■ 0.0000, 0.0000,

182.5134, 275.1424

0.2411

221.3975,
223.9262, 330.7609

■ 0.0000, 0.0000,
0.0000

■ 24.4450, 23.6749,
47.5373

■ 24.4450, 23.6749,
47.5373

■ 20.2353, 18.6908,
46.7976

■ 29.4377, 29.5092,
48.4007

■ 16.7659, 14.5141,
46.1742

■ 35.2482, 36.2284,
49.3914

■ 13.9939, 11.1023,
45.6618

■ 41.9121, 43.8685,
50.5149

■ 11.8707, 8.4080,
45.2537

■ 49.4622, 52.4625,
51.7757

■ 10.3414, 6.3782,
44.9425

■ 57.9296, 62.0422,
53.1785

■ 9.3412, 4.9518,
44.7198

■ 67.3438, 72.6375,
54.7274

■ 8.9037, 4.2976,
44.6166

■ 77.7330, 84.2771,
56.4265

■ 84.7255, 94.7212,
58.0739

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



21.1128, 23.6749, 48.0820



24.4450, 23.6749, 47.5373



27.5274, 23.6749, 40.3402

Triad

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



24.4450, 23.6749, 47.5373



27.1355, 23.6749, 14.5410



16.8241, 23.6749, 21.9236

Complementary

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



24.4450, 23.6749, 47.5373



37.4959, 40.8315, 23.9953

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.



18.1292, 23.6749, 15.2245



24.4450, 23.6749, 47.5373



23.9514, 23.6749, 11.7244

Square

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



24.4450, 23.6749, 47.5373



29.1827, 23.6749, 20.7368



20.6653, 23.6749, 11.9391



16.9281, 23.6749, 31.5763

Rectangle

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



24.4450, 23.6749, 47.5373



28.9276, 23.6749, 33.5545



20.6653, 23.6749, 11.9391



17.1067, 23.6749, 19.3066

Sweetspot

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



24.4458, 23.6758, 47.5379



67.7710, 70.1266, 90.1996



32.0442, 40.4936, 45.0736



14.6061, 15.0725, 19.8611



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.4458, 23.6758, 47.5379



38.7127, 36.2987, 85.2017



26.3231, 22.7452, 47.2593



8.6369, 8.9510, 11.3519



6.3211, 3.1018, 31.5186



0.2601, 0.1839, 1.1235

Inverse Universe

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



30.2263, 25.2595, 24.7560



50.8491, 39.9259, 37.3019



35.0125, 42.4835, 24.4450



9.0631, 9.0356, 9.6795



13.8043, 7.0955, 1.5901



0.5054, 0.2577, 0.1551

Previews

White Background



This preview shows how the XYZ color 24.4450, 23.6749, 47.5373 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 24.4450, 23.6749, 47.5373 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 24.4450, 23.6749, 47.5373

Background



This preview shows how black text looks on a background with the XYZ color 24.4450, 23.6749, 47.5373.



This preview shows how white text looks on a background with the XYZ color 24.4450, 23.6749,

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

24.4450, 23.6749, 47.5373

Protanopia

24.1660, 23.7315, 47.5629

Deuteranopia

24.3025, 23.8019, 47.5693



Tritanopia

21.1010, 23.5401, 31.4485

Trichromacy



Original Color

24.4450, 23.6749, 47.5373

Protanomaly

24.3025, 23.8019, 47.5693

Deuteranomaly

24.4405, 23.8730, 47.5758

Tritanomaly

22.2116, 23.5790, 36.6382

Monochromacy



Original Color

24.4450, 23.6749, 47.5373

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0267, 23.6766, 32.6345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4450, 23.6749, 47.5373 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 131, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 131, 182) }
```

Border

The CSS property to change the border of an element to XYZ 24.4450, 23.6749, 47.5373 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, 182) }
```


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

```
.border{ border-color:rgb(121, 131, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 131, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 131, 182);  
box-shadow:4px 4px 4px 4px rgb(121, 131,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4450, 23.6749, 47.5373 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, 182) }
```

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

```
.background{ background-color: rgb(121,  
131, 182) }
```

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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