

Converting Colors

XYZ(24.7254, 23.5968, 47.4611)

Have a look what the booklet for
XYZ(24.7254, 23.5968, 47.4611)
contains.

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Color

**XYZ(24.7383, 23.6277,
47.5127)**

Conversions

Conversions Part 1

Format	Color
Hex	7C82B6
RGB	124, 130, 182
RGB Percent	49%, 51%, 71%
CMY	0.5137, 0.4902, 0.2863
CMYK	0.32, 0.29, 0.00, 0.29
HSL	234°, 28%, 60%
HSV	234°, 32%, 71%
XYZ	24.7383, 23.6277, 47.5127
YIQ	134.1340, -20.2680, 14.9000

Conversions

Conversions Part 2

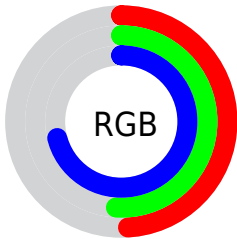
Format	Color
R_{YB}	124, 129, 182
Decimal	8159926
CIE _{Lab}	55.71, 10.13, -28.05
CIE _{LCh}	56, 29.827, 289.852
Yxy	23.6277, 0.2580, 0.2464
Android (android.graphics.Color)	4286350006 (0xFF7C82B6)
YUV	134.1340, 23.5979, -8.8875
Hunter-Lab	48.6083, 5.7796, -23.9278

Details

The XYZ color **24.7383, 23.6277, 47.5127** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **38.4554, 42.4516, 25.2369**, and the grayscale version is **22.6312, 23.8097, 25.9288**.

A 20% lighter version of the original color is **50.7262, 49.5050, 87.7708**, and **9.6525, 8.8863, 21.9754** is the 20% darker color. If you saturate the color by 10%, you get **20.3459, 18.3932, 46.7343**, and if you desaturate by 10%, it is **29.9620, 29.8027, 48.4297**.

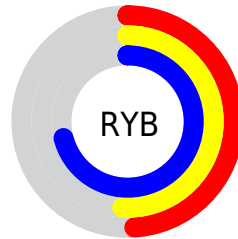
Distribution



Red (49%)

Green (51%)

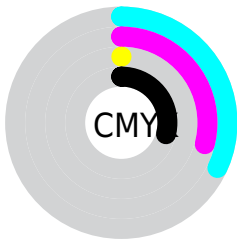
Blue (71%)



Red (49%)

Yellow (51%)

Blue (71%)

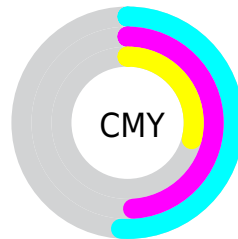


Cyan (32%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7383, 23.6277, 47.5127 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 24.7383, 23.6277, 47.5127 by changing the saturation by 10% instead.

■ 24.7383, 23.6277,
47.5127

■ 24.7383, 23.6277,
47.5127

268.9039,
270.9328, 393.3102

■ 16.0099, 15.0577,
33.0839

■ 50.6783, 49.4220,
87.8364

■ 9.6220, 8.8599,
21.9191

■ 68.6206, 67.4150,
114.5684

■ 5.2094, 4.6499,
13.5997

■ 90.3649, 89.3179,
146.2385

■ 2.4067, 2.0433,
7.7072

116.2766,
115.5149, 183.2653

■ 0.8484, 0.6325,
3.8231

146.7209,
146.3905, 226.0673

■ 0.0000, 0.0000,
1.5288

182.0634,

■ 0.0000, 0.0000,

182.3291, 275.0631

0.2393

222.6692,
223.7151, 330.6712

■ 0.0000, 0.0000,
0.0000

■ 24.7383, 23.6277,
47.5127

■ 24.7383, 23.6277,
47.5127

■ 20.3459, 18.3932,
46.7343

■ 29.9620, 29.8027,
48.4297

■ 16.7393, 14.0503,
46.0861

■ 36.0543, 36.9583,
49.4898

■ 13.8726, 10.5497,
45.5615

■ 43.0533, 45.1359,
50.6993

■ 11.6940, 7.8365,
45.1526

■ 50.9941, 54.3733,
52.0638

■ 10.1449, 5.8489,
44.8506

■ 59.9098, 64.7068,
53.5884

■ 9.1565, 4.5157,
44.6454

■ 69.8319, 76.1707,
55.2782

■ 8.6735, 3.8373,
44.5399

■ 80.7908, 88.7979,
57.1379

■ 85.4436, 96.1574,
58.3132

Harmonies

Analogous

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



21.3314, 23.6277, 48.7504



24.7383, 23.6277, 47.5127



27.8023, 23.6277, 39.6951

Triad

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



24.7383, 23.6277, 47.5127



26.9152, 23.6277, 13.9578



16.6466, 23.6277, 22.5837

Complementary

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



24.7383, 23.6277, 47.5127



38.4554, 42.4516, 25.2369

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.



17.8456, 23.6277, 15.4924



24.7383, 23.6277, 47.5127



23.6224, 23.6277, 11.4068

Square

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



24.7383, 23.6277, 47.5127



29.1439, 23.6277, 19.9076



20.3212, 23.6277, 11.8874



16.8809, 23.6277, 32.5815

Rectangle

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



24.7383, 23.6277, 47.5127



29.1303, 23.6277, 32.6872



20.3212, 23.6277, 11.8874



16.8904, 23.6277, 19.8316

Sweetspot

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



24.7391, 23.6286, 47.5133



67.4022, 69.3889, 90.0766



32.8016, 40.8458, 46.8334



14.5150, 14.8903, 19.8307



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.



24.7391, 23.6286, 47.5133



39.2947, 36.2256, 85.1569



27.5475, 23.9260, 47.4226



8.5939, 8.8650, 11.3376



6.1493, 2.7584, 31.4614



0.2417, 0.1471, 1.1174

Inverse Universe

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



30.5290, 25.9729, 24.5242



51.4449, 41.3204, 36.8746



34.8173, 42.3612, 25.4112



9.0414, 9.0269, 9.5652



13.7176, 7.0608, 1.1337



0.4962, 0.2539, 0.1062

Previews

White Background



This preview shows how the XYZ color 24.7383, 23.6277, 47.5127 looks on a white background.

Color Contrast Check

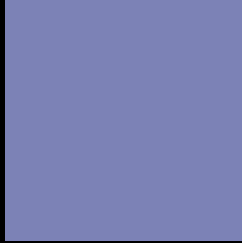
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7383, 23.6277, 47.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

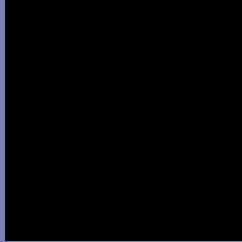
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7383, 23.6277, 47.5127

Background



This preview shows how black text looks on a background with the XYZ color 24.7383, 23.6277, 47.5127.



This preview shows how white text looks on a background with the XYZ color 24.7383, 23.6277,

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

24.7383, 23.6277, 47.5127

Protanopia

24.2697, 23.7730, 48.1092

Deuteranopia

24.3025, 23.8019, 47.5693



Tritanopia

21.5482, 23.7798, 31.0580

Trichromacy



Original Color

24.7383, 23.6277, 47.5127

Protanomaly

24.4093, 23.6446, 48.0771

Deuteranomaly

24.4450, 23.6749, 47.5373

Tritanomaly

22.6160, 23.5813, 36.6174

Monochromacy



Original Color

24.7383, 23.6277, 47.5127

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1794, 23.7552, 32.6417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7383, 23.6277, 47.5127 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, 130, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 130, 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(124, 130, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 130, 182) }
```

Border

The CSS property to change the border of an element to XYZ 24.7383, 23.6277, 47.5127 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, 130, 182) }
```


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

```
.border{ border-color:rgb(124, 130, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 130, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 130, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 130, 182); box-shadow:4px 4px 4px 4px rgb(124, 130, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7383, 23.6277, 47.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 130, 182) }
```

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

```
.background{ background-color: rgb(124,  
130, 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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