

Converting Colors

XYZ(24.5227, 22.0178, 38.0793)

Have a look what the booklet for
XYZ(24.5227, 22.0178, 38.0793)
contains.

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Color

**XYZ(24.5227, 22.0178,
38.0793)**

Conversions

Conversions Part 1

Format	Color
Hex	8D79A4
RGB	141, 121, 164
RGB Percent	55%, 47%, 64%
CMY	0.4471, 0.5255, 0.3569
CMYK	0.14, 0.26, 0.00, 0.36
HSL	268°, 19%, 56%
HSV	268°, 26%, 64%
XYZ	24.5227, 22.0178, 38.0793
YIQ	131.8820, -1.8830, 17.6130

Conversions

Conversions Part 2

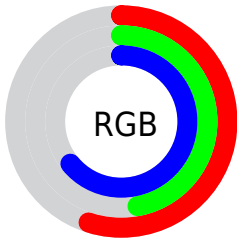
Format	Color
R_{YB}	141, 121, 164
Decimal	9271716
CIE _{Lab}	54.05, 16.39, -20.14
CIE _{LCh}	54, 25.964, 309.130
Yxy	22.0178, 0.2898, 0.2602
Android (android.graphics.Color)	4287461796 (0xFF8D79A4)
YUV	131.8820, 15.8342, 7.9965
Hunter-Lab	46.9231, 11.1712, -15.2691

Details

The XYZ color **24.5227, 22.0178, 38.0793** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.2290, 33.8612, 23.1382**, and the grayscale version is **21.8355, 22.9726, 25.0172**.

A 20% lighter version of the original color is **50.2354, 46.6037, 73.3656**, and **9.4584, 7.9782, 16.3707** is the 20% darker color. If you saturate the color by 10%, you get **21.2637, 17.6269, 37.4039**, and if you desaturate by 10%, it is **28.2401, 27.1491, 38.8742**.

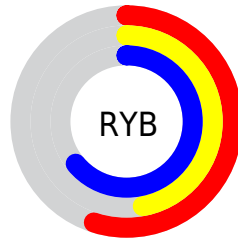
Distribution



Red (55%)

Green (47%)

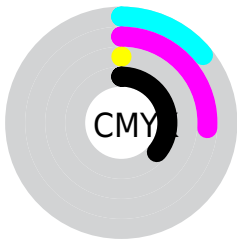
Blue (64%)



Red (55%)

Yellow (47%)

Blue (64%)

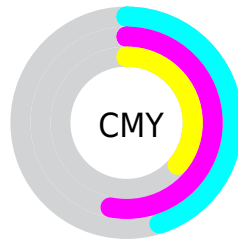


Cyan (14%)

Magenta (26%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5227, 22.0178, 38.0793 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 24.5227, 22.0178, 38.0793 by changing the saturation by 10% instead.

■ 24.5227, 22.0178,
38.0793

■ 24.5227, 22.0178,
38.0793

267.8442,
262.6392, 353.2684

■ 15.8486, 13.8700,
25.7419

■ 50.3303, 46.7754,
73.4344

■ 9.5073, 8.0303,
16.4066

■ 68.1946, 64.1540,
97.2893

■ 5.1333, 4.1143,
9.6549

■ 89.8530, 85.3783,
125.8204

■ 2.3612, 1.7377,
5.0682

115.6709,
110.8327, 159.4463

■ 0.8257, 0.4479,
2.2279

146.0136,
140.9016, 198.5855

■ 0.0000, 0.0000,
0.6904

181.2465,

■ 0.0000, 0.0000,

175.9694, 243.6565

0.0000

221.7349,
216.4205, 295.0780

■ 24.5227, 22.0178,
38.0793

■ 24.5227, 22.0178,
38.0793

■ 21.2637, 17.6269,
37.4039

■ 28.2401, 27.1491,
38.8742

■ 18.4412, 13.9379,
36.8406

■ 32.4323, 33.0513,
39.7924

■ 16.0343, 10.9131,
36.3836

■ 37.1175, 39.7563,
40.8397

■ 14.0197, 8.5100,
36.0259

■ 42.3122, 47.2937,
42.0208

■ 12.3712, 6.6807,
35.7597

■ 48.0322, 55.6911,
43.3402

■ 11.0588, 5.3702,
35.5760

■ 54.2925, 64.9754,
44.8023

■ 10.0424, 4.5029,
35.4621

■ 61.1075, 75.1718,
46.4112

■ 9.7035, 4.2282,
35.4270

■ 68.4909, 86.3047,
48.1709

■ 71.9617, 89.4086,
48.5871

Harmonies

Analogous

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



21.7957, 22.0178, 42.7096



24.5227, 22.0178, 38.0793



26.3882, 22.0178, 29.9146

Triad

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



24.5227, 22.0178, 38.0793



22.9101, 22.0178, 12.2339



16.0365, 22.0178, 26.5118

Complementary

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



24.5227, 22.0178, 38.0793



28.2290, 33.8612, 23.1382

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.



16.2770, 22.0178, 18.8764



24.5227, 22.0178, 38.0793



20.0822, 22.0178, 11.7186

Square

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



24.5227, 22.0178, 38.0793



25.4009, 22.0178, 15.4798



17.7016, 22.0178, 13.8685



17.0124, 22.0178, 35.1154

Rectangle

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



24.5227, 22.0178, 38.0793



26.8031, 22.0178, 24.2091



17.7016, 22.0178, 13.8685



15.9798, 22.0178, 23.7397

Sweetspot

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



24.5234, 22.0187, 38.0798



57.3302, 57.8108, 71.8893



24.6588, 26.8901, 39.0129



12.2861, 12.2889, 15.6620



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.



24.5234, 22.0187, 38.0798



41.2384, 35.5276, 68.4363



28.4087, 24.0216, 38.2616



6.9990, 7.0138, 8.8880



7.4942, 3.2699, 27.1659



0.2119, 0.0968, 0.5734

Inverse Universe

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



27.1820, 23.5818, 29.5056



46.9284, 38.8748, 50.0027



24.9173, 32.1540, 22.9832



7.2247, 7.1463, 8.1697



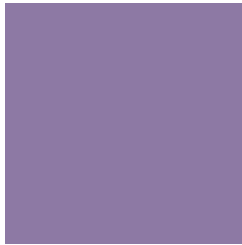
13.1049, 6.5980, 7.7431



0.2990, 0.1481, 0.2870

Previews

White Background



This preview shows how the XYZ color 24.5227, 22.0178, 38.0793 looks on a white background.

Color Contrast Check

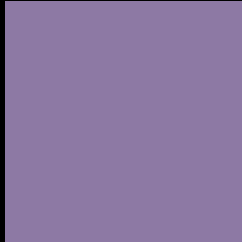
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5227, 22.0178, 38.0793 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 24.5227, 22.0178, 38.0793

Background



This preview shows how black text looks on a background with the XYZ color 24.5227, 22.0178, 38.0793.



This preview shows how white text looks on a background with the XYZ color 24.5227, 22.0178,

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

24.5227, 22.0178, 38.0793

Protanopia

22.3518, 22.1545, 40.6343

Deuteranopia

22.5124, 22.1082, 37.7311



Tritanopia

22.0581, 21.9335, 26.3636

Trichromacy



Original Color

24.5227, 22.0178, 38.0793

Protanomaly

22.9129, 21.8929, 39.5773

Deuteranomaly

23.1504, 22.0574, 37.6877

Tritanomaly

22.8772, 21.8939, 30.2143

Monochromacy



Original Color

24.5227, 22.0178, 38.0793

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7449, 22.6029, 29.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5227, 22.0178, 38.0793 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(141, 121, 164)` looks like.

```
.text, #text, p{  
    color:rgb(141, 121, 164)  
}
```

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(141, 121, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 121, 164) }
```

Border

The CSS property to change the border of an element to XYZ 24.5227, 22.0178, 38.0793 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(141, 121, 164) }
```


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

```
.border{ border-color:rgb(141, 121, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 121, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 121, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 121, 164);  
box-shadow:4px 4px 4px 4px rgb(141, 121,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5227, 22.0178, 38.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 121, 164) }
```

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

```
.background{ background-color: rgb(141,  
121, 164) }
```

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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