

Converting Colors

XYZ(25.3169, 23.1644, 38.2598)

Have a look what the booklet for
XYZ(25.3169, 23.1644, 38.2598)
contains.

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Color

**XYZ(25.3621, 23.1872,
38.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7DA4
RGB	143, 125, 164
RGB Percent	56%, 49%, 64%
CMY	0.4392, 0.5098, 0.3569
CMYK	0.13, 0.24, 0.00, 0.36
HSL	268°, 18%, 57%
HSV	268°, 24%, 64%
XYZ	25.3621, 23.1872, 38.2608
YIQ	134.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

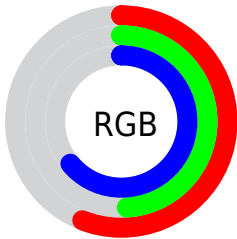
Format	Color
R_{YB}	143, 125, 164
Decimal	9403812
CIE _{Lab}	55.26, 14.72, -18.26
CIE _{LCh}	55, 23.459, 308.876
Yxy	23.1872, 0.2922, 0.2671
Android (android.graphics.Color)	4287593892 (0xFF8F7DA4)
YUV	134.8280, 14.3818, 7.1668
Hunter-Lab	48.1531, 9.7476, -13.4026

Details

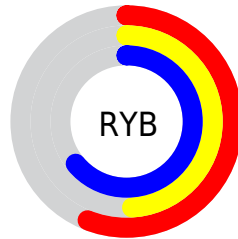
The XYZ color **25.3621, 23.1872, 38.2608** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.8320, 34.1432, 24.4738**, and the grayscale version is **22.9149, 24.1083, 26.2539**.

A 20% lighter version of the original color is **51.7325, 48.8256, 73.7155**, and **9.9227, 8.6140, 16.4689** is the 20% darker color. If you saturate the color by 10%, you get **21.9859, 18.6155, 37.5567**, and if you desaturate by 10%, it is **29.2029, 28.5085, 39.0859**.

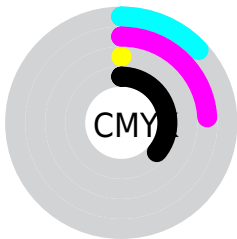
Distribution



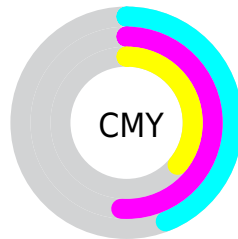
- Red (56%)
- Green (49%)
- Blue (64%)



- Red (56%)
- Yellow (49%)
- Blue (64%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3621, 23.1872, 38.2608 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 25.3621, 23.1872, 38.2608 by changing the saturation by 10% instead.

■ 25.3621, 23.1872,
38.2608

■ 25.3621, 23.1872,
38.2608

271.9509,
268.6850, 354.0691

■ 16.4772, 14.7318,
25.8818

■ 51.6827, 48.7005,
73.7156

■ 9.9554, 8.6314,
16.5102

■ 69.8492, 66.5272,
97.6284

■ 5.4315, 4.5015,
9.7277

■ 91.8402, 88.2465,
126.2228

■ 2.5399, 1.9579,
5.1155

118.0211,
114.2427, 159.9175

■ 0.9154, 0.5828,
2.2553

148.7572,
144.9003, 199.1309

■ 0.0000, 0.0000,
0.7060

184.4140,

■ 0.0000, 0.0000,

180.6036, 244.2816

0.0000

225.3568,
221.7371, 295.7882

■ 25.3621, 23.1872,
38.2608

■ 25.3621, 23.1872,
38.2608

■ 21.9859, 18.6155,
37.5567

■ 29.2029, 28.5085,
39.0859

■ 19.0527, 14.7554,
36.9662

■ 33.5245, 34.6092,
40.0356

■ 16.5419, 11.5700,
36.4837

■ 38.3449, 41.5210,
41.1157

■ 14.4307, 9.0178,
36.1023

■ 43.6804, 49.2729,
42.3307

■ 12.6936, 7.0523,
35.8145

■ 49.5466, 57.8924,
43.6853

■ 11.3016, 5.6205,
35.6115

■ 55.9585, 67.4059,
45.1836

■ 10.2207, 4.6593,
35.4830

■ 62.9304, 77.8386,
46.8299

■ 9.6567, 4.2041,
35.4248

■ 70.0907, 88.4440,
48.4996

■ 72.7330, 89.8062,
48.6232

Harmonies

Analogous

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



22.8270, 23.1872, 42.3989



25.3621, 23.1872, 38.2608



27.0921, 23.1872, 30.8252

Triad

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



25.3621, 23.1872, 38.2608



23.9090, 23.1872, 14.0178



17.4169, 23.1872, 27.5444

Complementary

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



25.3621, 23.1872, 38.2608



28.8320, 34.1432, 24.4738

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.



17.6564, 23.1872, 20.3858



25.3621, 23.1872, 38.2608



21.2688, 23.1872, 13.4852

Square

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



25.3621, 23.1872, 38.2608



26.2079, 23.1872, 17.2151



19.0192, 23.1872, 15.5796



18.3369, 23.1872, 35.4538

Rectangle

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



25.3621, 23.1872, 38.2608



27.4822, 23.1872, 25.5318



19.0192, 23.1872, 15.5796



17.3661, 23.1872, 24.9642

Sweetspot

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



25.3628, 23.1882, 38.2613



58.1226, 58.9468, 72.0668



25.5075, 27.7380, 39.1319



12.6115, 12.7522, 15.7342



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.



25.3628, 23.1882, 38.2613



42.4023, 37.1420, 68.6866



28.9456, 25.0351, 38.4290



6.9966, 7.0126, 8.8879



7.4582, 3.2513, 27.1643



0.2111, 0.0963, 0.5733

Inverse Universe

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



27.8326, 24.6361, 30.4836



47.8447, 40.3346, 51.4574



25.7229, 32.5404, 24.3283



7.2257, 7.1468, 8.1752



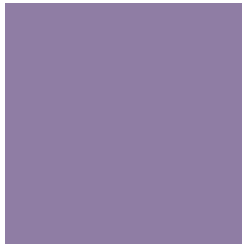
13.1236, 6.6055, 7.8417



0.2993, 0.1482, 0.2889

Previews

White Background



This preview shows how the XYZ color 25.3621, 23.1872, 38.2608 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 25.3621, 23.1872, 38.2608 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 25.3621, 23.1872, 38.2608

Background



This preview shows how black text looks on a background with the XYZ color 25.3621, 23.1872, 38.2608.



This preview shows how white text looks on a background with the XYZ color 25.3621, 23.1872,

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

25.3621, 23.1872, 38.2608

Protanopia

23.3526, 23.2707, 40.3067

Deuteranopia

23.7994, 23.3554, 37.9040



Tritanopia

23.2313, 23.0829, 28.0420

Trichromacy



Original Color

25.3621, 23.1872, 38.2608

Protanomaly

24.0312, 23.2364, 39.7777

Deuteranomaly

24.3217, 23.2336, 37.8530

Tritanomaly

23.9592, 23.1837, 31.6459

Monochromacy



Original Color

25.3621, 23.1872, 38.2608

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.7858, 23.7112, 30.5172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3621, 23.1872, 38.2608 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(143, 125, 164)` looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 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(143, 125, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.3621, 23.1872, 38.2608 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(143, 125, 164) }
```


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

```
.border{ border-color:rgb(143, 125, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 125, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 125, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 125, 164);  
box-shadow:4px 4px 4px 4px rgb(143, 125,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3621, 23.1872, 38.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 125, 164) }
```

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

```
.background{ background-color: rgb(143,  
125, 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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