

Converting Colors

XYZ(23.6839, 25.3643, 39.6042)

Have a look what the booklet for
XYZ(23.6839, 25.3643, 39.6042)
contains.

XYZ(23.7322, 25.3609, 39.7207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.7322, 25.3609,
39.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	768CA6
RGB	118, 140, 166
RGB Percent	46%, 55%, 65%
CMY	0.5372, 0.4510, 0.3490
CMYK	0.29, 0.16, 0.00, 0.35
HSL	212°, 21%, 56%
HSV	212°, 29%, 65%
XYZ	23.7322, 25.3609, 39.7207
YIQ	136.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

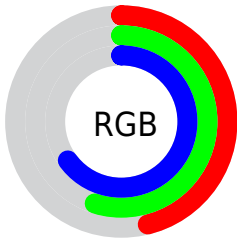
Format	Color
R_{YB}	118, 133, 166
Decimal	7769254
CIE _{Lab}	57.43, -1.64, -16.31
CIE _{LCh}	57, 16.392, 264.261
Yxy	25.3609, 0.2672, 0.2856
Android (android.graphics.Color)	4285959334 (0xFF768CA6)
YUV	136.3860, 14.5997, -16.1245
Hunter-Lab	50.3596, -4.0104, -11.5127

Details

The XYZ color **23.7322, 25.3609, 39.7207** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.9694, 29.3616, 21.2806**, and the grayscale version is **23.4998, 24.7236, 26.9240**.

A 20% lighter version of the original color is **48.9157, 52.0183, 75.8690**, and **9.0773, 9.7562, 17.3243** is the 20% darker color. If you saturate the color by 10%, you get **20.4128, 21.7789, 39.2047**, and if you desaturate by 10%, it is **27.5573, 29.3642, 40.2922**.

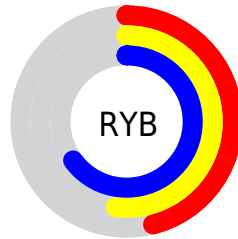
Distribution



Red (46%)

Green (55%)

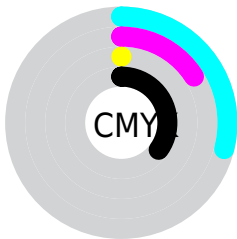
Blue (65%)



Red (46%)

Yellow (52%)

Blue (65%)

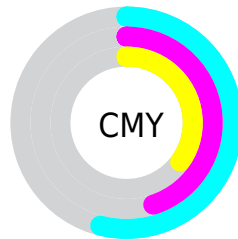


Cyan (29%)

Magenta (16%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7322, 25.3609, 39.7207 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 23.7322, 25.3609, 39.7207 by changing the saturation by 10% instead.

■ 23.7322, 25.3609,
39.7207

■ 23.7322, 25.3609,
39.7207

263.9294,
279.6305, 360.4620

■ 15.2587, 16.3461,
27.0087

■ 49.0507, 52.2421,
75.9704

■ 9.0887, 9.7694,
17.3473

■ 66.6265, 70.8773,
100.3453

■ 4.8566, 5.2463,
10.3178

■ 87.9670, 93.4882,
129.4448

■ 2.1973, 2.3925,
5.5018

113.4377,
120.4591, 163.6876

■ 0.7413, 0.8220,
2.4808

143.4040,
152.1743, 203.4922

■ 0.0000, 0.0000,
0.8299

178.2311,

■ 0.0000, 0.0000,

189.0184, 249.2771

0.0000

218.2845,
231.3757, 301.4608

■ 23.7322, 25.3609,
39.7207

■ 23.7322, 25.3609,
39.7207

■ 20.4128, 21.7789,
39.2047

■ 27.5573, 29.3642,
40.2922

■ 17.5734, 18.5993,
38.7406

■ 31.9074, 33.8006,
40.9193

■ 15.1894, 15.8062,
38.3271

■ 36.8038, 38.6852,
41.6040

■ 13.2329, 13.3810,
37.9622

■ 42.2657, 44.0313,
42.3481

■ 11.6726, 11.3034,
37.6434

■ 48.3114, 49.8518,
43.1529

■ 10.4723, 9.5502,
37.3682

■ 54.9584, 56.1588,
44.0199

■ 9.5640, 8.0816,
37.1326

■ 62.2233, 62.9641,
44.9506

■ 9.4736, 7.9343,
37.1090

■ 70.1222, 70.2790,
45.9462

■ 73.9593, 75.6858,
46.7876

Harmonies

Analogous

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



21.9826, 25.3609, 37.2676



23.7322, 25.3609, 39.7207



25.6768, 25.3609, 38.5928

Triad

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



23.7322, 25.3609, 39.7207



27.6832, 25.3609, 23.4365



21.1907, 25.3609, 21.8103

Complementary

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



23.7322, 25.3609, 39.7207



28.9694, 29.3616, 21.2806

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.



22.5983, 25.3609, 18.9434



23.7322, 25.3609, 39.7207



26.3593, 25.3609, 19.7900

Square

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



23.7322, 25.3609, 39.7207



28.0268, 25.3609, 28.7002



24.4812, 25.3609, 18.2568



20.5669, 25.3609, 26.5550

Rectangle

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



23.7322, 25.3609, 39.7207



26.8145, 25.3609, 36.0301



24.4812, 25.3609, 18.2568



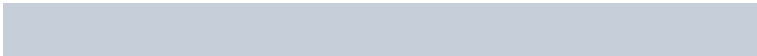
21.5841, 25.3609, 20.6220

Sweetspot

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



23.7330, 25.3619, 39.7213



57.6970, 61.1311, 74.2338



26.1115, 33.1259, 31.2438



12.6501, 13.4158, 16.5749



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.7330, 25.3619, 39.7213



38.9160, 41.5672, 71.4475



21.0523, 19.6752, 38.7649



7.4045, 7.8459, 9.5425



7.3920, 6.2441, 28.7911



0.2314, 0.2549, 0.7177

Inverse Universe

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



26.9386, 22.9579, 27.8236



45.8522, 36.8512, 45.5945



32.2992, 36.5160, 22.4861



7.6688, 7.5974, 8.5729



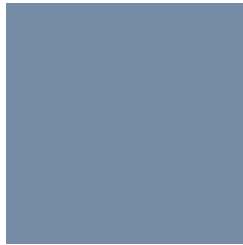
13.2317, 6.7014, 6.0317



0.3479, 0.1734, 0.2837

Previews

White Background



This preview shows how the XYZ color 23.7322, 25.3609, 39.7207 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 23.7322, 25.3609, 39.7207 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

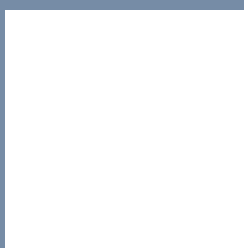
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7322, 25.3609, 39.7207

Background



This preview shows how black text looks on a background with the XYZ color 23.7322, 25.3609, 39.7207.



This preview shows how white text looks on a background with the XYZ color 23.7322, 25.3609,

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

23.7322, 25.3609, 39.7207

Protanopia

25.0207, 25.1942, 38.6662

Deuteranopia

25.7924, 25.3522, 40.0933



Tritanopia

22.5760, 25.3239, 34.2700

Trichromacy



Original Color

23.7322, 25.3609, 39.7207

Protanomaly

24.4896, 25.1200, 39.1552

Deuteranomaly

24.9740, 25.3485, 40.1357

Tritanomaly

22.8989, 25.2314, 36.0110

Monochromacy



Original Color

23.7322, 25.3609, 39.7207

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2654, 24.6650, 31.1384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7322, 25.3609, 39.7207 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(118, 140, 166)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 166)  
}
```

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(118, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 166) }
```

Border

The CSS property to change the border of an element to XYZ 23.7322, 25.3609, 39.7207 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(118, 140, 166) }
```


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

```
.border{ border-color:rgb(118, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7322, 25.3609, 39.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 166) }
```

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

```
.background{ background-color: rgb(118,  
140, 166) }
```

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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