

Converting Colors

XYZ(23.6494, 25.6258, 39.6561)

Have a look what the booklet for
XYZ(23.6494, 25.6258, 39.6561)
contains.

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Color

**XYZ(23.6103, 25.5159,
39.7571)**

Conversions

Conversions Part 1

Format	Color
Hex	748DA6
RGB	116, 141, 166
RGB Percent	45%, 55%, 65%
CMY	0.5451, 0.4470, 0.3490
CMYK	0.30, 0.15, 0.00, 0.35
HSL	210°, 22%, 55%
HSV	210°, 30%, 65%
XYZ	23.6103, 25.5159, 39.7571
YIQ	136.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

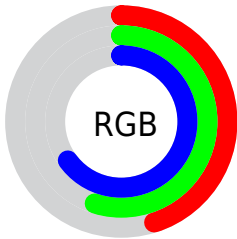
Format	Color
R _Y B	116, 133, 166
Decimal	7638438
CIE Lab	57.57, -2.82, -16.10
CIE LCh	58, 16.342, 260.054
Yxy	25.5159, 0.2656, 0.2871
Android (android.graphics.Color)	4285828518 (0xFF748DA6)
YUV	136.3750, 14.6051, -17.8689
Hunter-Lab	50.5133, -4.9659, -11.3057

Details

The XYZ color **23.6103, 25.5159, 39.7571** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.4037, 28.4182, 20.5120**, and the grayscale version is **23.4961, 24.7197, 26.9197**.

A 20% lighter version of the original color is **48.9284, 52.6857, 75.9972**, and **9.0251, 9.8553, 17.3462** is the 20% darker color. If you saturate the color by 10%, you get **20.4196, 22.1224, 39.2707**, and if you desaturate by 10%, it is **27.2886, 29.2982, 40.2937**.

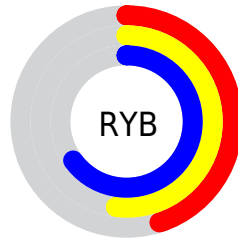
Distribution



Red (45%)

Green (55%)

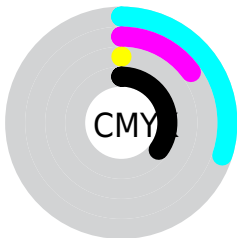
Blue (65%)



Red (45%)

Yellow (52%)

Blue (65%)

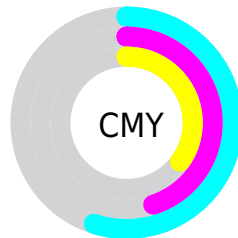


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6103, 25.5159, 39.7571 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 23.6103, 25.5159, 39.7571 by changing the saturation by 10% instead.

■ 23.6103, 25.5159,
39.7571

■ 23.6103, 25.5159,
39.7571

263.3215,
280.3975, 360.6203

■ 15.1680, 16.4618,
27.0369

■ 48.8528, 52.4929,
76.0265

■ 9.0244, 9.8515,
17.3682

■ 66.3837, 71.1847,
100.4128

■ 4.8144, 5.3006,
10.3326

■ 87.6749, 93.8578,
129.5248

■ 2.1724, 2.4247,
5.5116

113.0916,
120.8967, 163.7812

■ 0.7281, 0.8386,
2.4865

142.9993,
152.6857, 203.6003

■ 0.0000, 0.0000,
0.8330

177.7632,

■ 0.0000, 0.0000,

189.6092, 249.4009

0.0000

217.7489,
232.0517, 301.6014

■ 23.6103, 25.5159,
39.7571

■ 23.6103, 25.5159,
39.7571

■ 20.4196, 22.1224,
39.2707

■ 27.2886, 29.2982,
40.2937

■ 17.6912, 19.0998,
38.8311

■ 31.4736, 33.4801,
40.8803

■ 15.4007, 16.4331,
38.4371

■ 36.1860, 38.0757,
41.5190

■ 13.5207, 14.1049,
38.0868

■ 41.4448, 43.0976,
42.2112

■ 12.0200, 12.0960,
37.7781

■ 47.2679, 48.5575,
42.9581

■ 10.8622, 10.3840,
37.5087

■ 53.6724, 54.4668,
43.7612

■ 9.9765, 8.9402,
37.2767

■ 60.6745, 60.8365,
44.6216

■ 68.2900, 67.6771,
45.5406

■ 72.6023, 72.9718,
46.3353

Harmonies

Analogous

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



21.9237, 25.5159, 36.8540



23.6103, 25.5159, 39.7571



25.5606, 25.5159, 39.1385

Triad

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



23.6103, 25.5159, 39.7571



27.9472, 25.5159, 24.2608



21.4899, 25.5159, 21.4430

Complementary

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



23.6103, 25.5159, 39.7571



28.4037, 28.4182, 20.5120

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.



22.9891, 25.5159, 18.8676



23.6103, 25.5159, 39.7571



26.7398, 25.5159, 20.3370

Square

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



23.6103, 25.5159, 39.7571



28.1355, 25.5159, 29.6786



24.9054, 25.5159, 18.4918



20.7436, 25.5159, 25.9689

Rectangle

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



23.6103, 25.5159, 39.7571



26.7456, 25.5159, 36.8382



24.9054, 25.5159, 18.4918



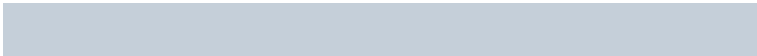
21.9186, 25.5159, 20.3476

Sweetspot

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



23.6111, 25.5169, 39.7577



57.8934, 61.5238, 74.2993



25.5853, 32.8844, 29.8750



12.7003, 13.5162, 16.5916



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.



23.6111, 25.5169, 39.7577



38.9606, 42.1975, 71.5668



20.4280, 19.1508, 38.6967



7.4301, 7.8970, 9.5510



7.7830, 7.0261, 28.9215



0.2406, 0.2734, 0.7207

Inverse Universe

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



26.7797, 22.5217, 28.1360



45.7425, 36.3014, 46.5767



32.3640, 36.3389, 21.8322



7.6817, 7.6025, 8.6409



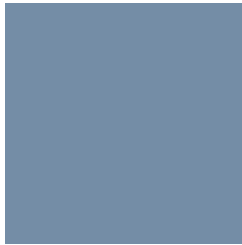
13.4291, 6.7803, 7.0711



0.3526, 0.1753, 0.3082

Previews

White Background



This preview shows how the XYZ color 23.6103, 25.5159, 39.7571 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 23.6103, 25.5159, 39.7571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

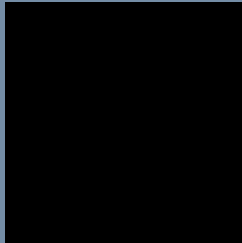
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

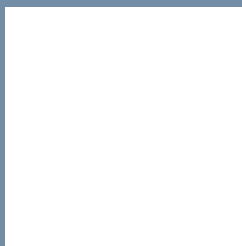
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6103, 25.5159, 39.7571

Background



This preview shows how black text looks on a background with the XYZ color 23.6103, 25.5159, 39.7571.



This preview shows how white text looks on a background with the XYZ color 23.6103, 25.5159,

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

23.6103, 25.5159, 39.7571

Protanopia

25.2294, 25.5222, 38.2469

Deuteranopia

25.9556, 25.4363, 40.1009



Tritanopia

22.4652, 25.4887, 34.3076

Trichromacy



Original Color

23.6103, 25.5159, 39.7571

Protanomaly

24.5417, 25.3693, 38.7252

Deuteranomaly

24.9740, 25.3485, 40.1357

Tritanomaly

22.7840, 25.3920, 36.0481

Monochromacy



Original Color

23.6103, 25.5159, 39.7571

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4082, 24.9507, 31.1860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6103, 25.5159, 39.7571 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(116, 141, 166)` looks like.

```
.text, #text, p{  
    color:rgb(116, 141, 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(116, 141, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 141, 166) }
```

Border

The CSS property to change the border of an element to XYZ 23.6103, 25.5159, 39.7571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

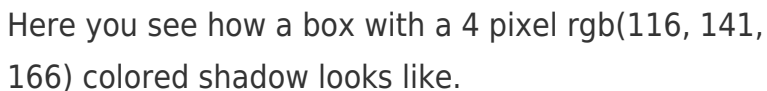
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 141, 166) }
```


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

```
.border{ border-color:rgb(116, 141, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 141, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 141, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 141, 166); box-shadow:4px 4px 4px 4px rgb(116, 141, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6103, 25.5159, 39.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 141, 166) }
```

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

```
.background{ background-color: rgb(116,  
141, 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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