

Converting Colors

XYZ(23.3411, 22.8096, 51.8881)

Have a look what the booklet for
XYZ(23.3411, 22.8096, 51.8881)
contains.

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Color

**XYZ(23.3403, 22.8088,
51.8876)**

Conversions

Conversions Part 1

Format	Color
Hex	6B82BE
RGB	107, 130, 190
RGB Percent	42%, 51%, 75%
CMY	0.5804, 0.4902, 0.2549
CMYK	0.44, 0.32, 0.00, 0.25
HSL	223°, 39%, 58%
HSV	223°, 44%, 75%
XYZ	23.3403, 22.8088, 51.8876
YIQ	129.9630, -32.9680, 13.7840

Conversions

Conversions Part 2

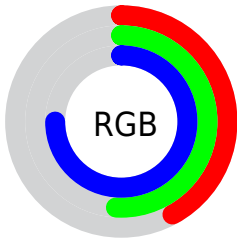
Format	Color
R_{YB}	107, 125, 190
Decimal	7045822
CIE _{Lab}	54.87, 7.61, -34.02
CIE _{LCh}	55, 34.861, 282.612
Yxy	22.8088, 0.2381, 0.2327
Android (android.graphics.Color)	4285235902 (0xFF6B82BE)
YUV	129.9630, 29.5982, -20.1386
Hunter-Lab	47.7586, 3.6581, -30.9850

Details

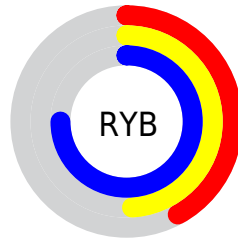
The XYZ color **23.3403, 22.8088, 51.8876** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **37.7085, 39.6470, 19.5761**, and the grayscale version is **21.1128, 22.2123, 24.1892**.

A 20% lighter version of the original color is **48.6223, 48.2638, 94.7489**, and **8.8546, 8.4193, 24.4510** is the 20% darker color. If you saturate the color by 10%, you get **19.5954, 18.3451, 51.2238**, and if you desaturate by 10%, it is **27.8326, 28.0207, 52.6573**.

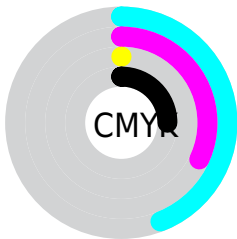
Distribution



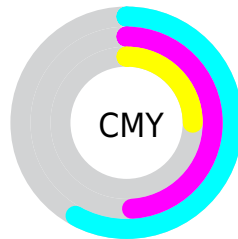
- Red (42%)
- Green (51%)
- Blue (75%)



- Red (42%)
- Yellow (49%)
- Blue (75%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3403, 22.8088, 51.8876 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 23.3403, 22.8088, 51.8876 by changing the saturation by 10% instead.

■ 23.3403, 22.8088,
51.8876

■ 23.3403, 22.8088,
51.8876

261.9709,
266.7414, 410.9471

■ 14.9671, 14.4524,
36.5339

■ 48.4141, 48.0792,
94.3903

■ 8.8824, 8.4360,
24.5538

■ 65.8453, 65.7620,
122.3764

■ 4.7211, 4.3752,
15.5290

■ 87.0265, 87.3223,
155.4104

■ 2.1176, 1.8856,
9.0407

■ 112.3232,
113.1446, 193.9108

■ 0.6988, 0.5397,
4.6706

142.1006,
143.6133, 238.2961

■ 0.0000, 0.0000,
2.0000

176.7241,

■ 0.0000, 0.0000,

179.1127, 288.9849

0.5553

216.5591,
220.0273, 346.3957

■ 0.0000, 0.0000,
0.0000

■ 23.3403, 22.8088,
51.8876

■ 23.3403, 22.8088,
51.8876

■ 19.5954, 18.3451,
51.2238

■ 27.8326, 28.0207,
52.6573

■ 16.5527, 14.5908,
50.6595

■ 33.1091, 34.0120,
53.5356

■ 14.1654, 11.5070,
50.1901

■ 39.2071, 40.8150,
54.5273

■ 12.3798, 9.0497,
49.8099

■ 46.1607, 48.4594,
55.6363

■ 11.1323, 7.1684,
49.5126

■ 54.0019, 56.9735,
56.8664

■ 10.5516, 6.2321,
49.3625

■ 62.7612, 66.3842,
58.2212

■ 72.4675, 76.7169,
59.7041

■ 81.6600, 87.2291,
61.2486

■ 85.8551, 95.6192,
62.6470

Harmonies

Analogous

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



19.5360, 22.8088, 51.1420



23.3403, 22.8088, 51.8876



27.1020, 22.8088, 43.9918

Triad

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



23.3403, 22.8088, 51.8876



27.6126, 22.8088, 13.0451



15.3399, 22.8088, 19.0092

Complementary

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



23.3403, 22.8088, 51.8876



37.7085, 39.6470, 19.5761

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.



17.0326, 22.8088, 12.2466



23.3403, 22.8088, 51.8876



23.9735, 22.8088, 9.5722

Square

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



23.3403, 22.8088, 51.8876



29.7581, 22.8088, 20.4770



20.0986, 22.8088, 9.3315



15.2131, 22.8088, 29.7710

Rectangle

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



23.3403, 22.8088, 51.8876



28.9591, 22.8088, 35.9518



20.0986, 22.8088, 9.3315



15.7345, 22.8088, 16.2843

Sweetspot

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



23.3411, 22.8096, 51.8881



71.6079, 74.5813, 98.9006



31.4050, 42.7243, 42.9014



15.1490, 15.7397, 21.6249



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



23.3411, 22.8096, 51.8881



36.0298, 33.8732, 92.9183



23.0078, 18.5928, 51.0918



9.2259, 9.6442, 12.0475



7.0738, 4.2593, 32.8422



0.3341, 0.2809, 1.3055

Inverse Universe

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



30.5229, 23.0751, 23.9651



50.9094, 35.3123, 34.8663



38.0849, 46.6616, 20.9102



9.6359, 9.5787, 10.4717



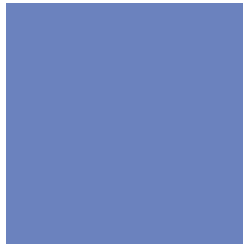
14.5713, 7.4597, 3.0361



0.5996, 0.3037, 0.2705

Previews

White Background



This preview shows how the XYZ color 23.3403, 22.8088, 51.8876 looks on a white background.

Color Contrast Check

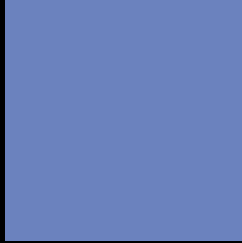
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3403, 22.8088, 51.8876 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

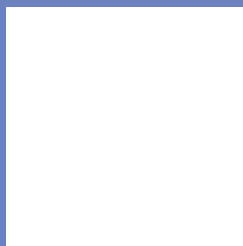
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3403, 22.8088, 51.8876

Background



This preview shows how black text looks on a background with the XYZ color 23.3403, 22.8088, 51.8876.

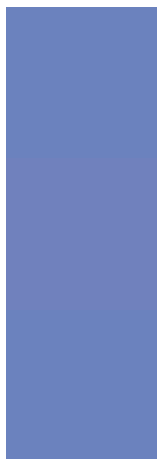


This preview shows how white text looks on a background with the XYZ color 23.3403, 22.8088,

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

23.3403, 22.8088, 51.8876

Protanopia

23.7177, 22.8194, 51.2986

Deuteranopia

23.3403, 22.8088, 51.8876



Tritanopia

19.3372, 22.8337, 31.8219

Trichromacy



Original Color

23.3403, 22.8088, 51.8876

Protanomaly

23.4660, 22.6896, 51.2869

Deuteranomaly

23.3403, 22.8088, 51.8876

Tritanomaly

20.6203, 22.7176, 38.4201

Monochromacy



Original Color

23.3403, 22.8088, 51.8876

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6762, 22.3698, 32.8811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3403, 22.8088, 51.8876 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(107, 130, 190)` looks like.

```
.text, #text, p{  
    color:rgb(107, 130, 190)  
}
```

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(107, 130, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 130, 190) }
```

Border

The CSS property to change the border of an element to XYZ 23.3403, 22.8088, 51.8876 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(107, 130, 190) }
```


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

```
.border{ border-color:rgb(107, 130, 190) }
```

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

Here you see how a box with a 4 pixel rgb(107, 130, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 130, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 130, 190);  
box-shadow:4px 4px 4px 4px rgb(107, 130,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3403, 22.8088, 51.8876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 130, 190) }
```

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

```
.background{ background-color: rgb(107,  
130, 190) }
```

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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