

Converting Colors

XYZ(23.3597, 22.5157, 62.7458)

Have a look what the booklet for
XYZ(23.3597, 22.5157, 62.7458)
contains.

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Color

**XYZ(23.3923, 22.5940,
62.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	5882D0
RGB	88, 130, 208
RGB Percent	35%, 51%, 82%
CMY	0.6549, 0.4902, 0.1843
CMYK	0.58, 0.37, 0.00, 0.18
HSL	219°, 56%, 58%
HSV	219°, 58%, 82%
XYZ	23.3923, 22.5940, 62.8027
YIQ	126.3340, -50.0700, 15.3540

Conversions

Conversions Part 2

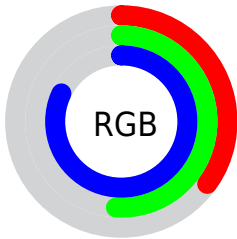
Format	Color
R _Y B	88, 119, 208
Decimal	5800656
CIE Lab	54.65, 8.81, -44.67
CIE LCh	55, 45.529, 281.152
Yxy	22.5940, 0.2150, 0.2077
Android (android.graphics.Color)	4283990736 (0xFF5882D0)
YUV	126.3340, 40.2613, -33.6189
Hunter-Lab	47.5331, 4.6615, -45.0631

Details

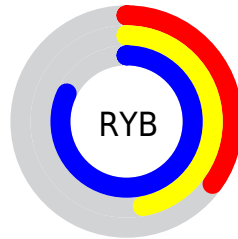
The XYZ color **23.3923, 22.5940, 62.8027** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **41.4116, 41.3891, 15.0401**, and the grayscale version is **19.8251, 20.8575, 22.7139**.

A 20% lighter version of the original color is **46.8375, 47.1980, 101.2493**, and **8.8892, 8.2863, 31.2679** is the 20% darker color. If you saturate the color by 10%, you get **20.0151, 18.3566, 62.1633**, and if you desaturate by 10%, it is **27.5691, 27.5951, 63.5483**.

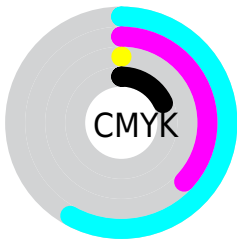
Distribution



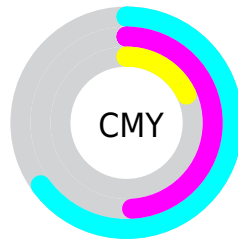
- Red (35%)
- Green (51%)
- Blue (82%)



- Red (35%)
- Yellow (47%)
- Blue (82%)



- Cyan (58%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)



- Cyan (65%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3923, 22.5940, 62.8027 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 23.3923, 22.5940, 62.8027 by changing the saturation by 10% instead.

■ 23.3923, 22.5940,
62.8027

■ 23.3923, 22.5940,
62.8027

262.2314,
265.6328, 452.9413

■ 15.0057, 14.2940,
45.2416

■ 48.4986, 47.7258,
110.4676

■ 8.9098, 8.3254,
31.3035

■ 65.9491, 65.3264,
141.4086

■ 4.7390, 4.3039,
20.5696

■ 87.1515, 86.7960,
177.6466

■ 2.1281, 1.8450,
12.6216

■ 112.4714,
112.5190, 219.6002

■ 0.7044, 0.5150,
7.0409

142.2739,
142.8798, 267.6879

■ 0.0000, 0.0000,
3.4088

176.9245,

■ 0.0000, 0.0000,

178.2628, 322.3283

1.3070

216.7886,
219.0523, 383.9400

■ 0.0000, 0.0000,
0.0675

■ 0.0000, 0.0000,
0.0000

■ 23.3923, 22.5940,
62.8027

■ 23.3923, 22.5940,
62.8027

■ 20.0151, 18.3566,
62.1633

■ 27.5691, 27.5951,
63.5483

■ 17.3767, 14.8370,
61.6230

■ 32.5951, 33.3972,
64.4034

■ 15.4104, 11.9867,
61.1765

■ 38.5184, 40.0378,
65.3729

■ 14.0243, 9.7429,
60.8164

■ 45.3827, 47.5510,
66.4613

■ 13.7544, 9.2923,
60.7437

■ 53.2289, 55.9689,
67.6726

■ 62.0950, 65.3219,
69.0106

■ 72.0174, 75.6389,
70.4790

■ 83.0302, 86.9474,
72.0814

■ 87.3372, 95.2381,
73.4546

Harmonies

Analogous

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



18.5112, 22.5940, 61.0299



23.3923, 22.5940, 62.8027



28.4573, 22.5940, 51.7652

Triad

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



23.3923, 22.5940, 62.8027



29.5744, 22.5940, 10.5472



13.5884, 22.5940, 16.7224

Complementary

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



23.3923, 22.5940, 62.8027



41.4116, 41.3891, 15.0401

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.



15.7397, 22.5940, 9.1277



23.3923, 22.5940, 62.8027



24.7392, 22.5940, 6.6406

Square

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



23.3923, 22.5940, 62.8027



32.3788, 22.5940, 19.6420



19.6653, 22.5940, 6.2484



13.3433, 22.5940, 30.3315

Rectangle

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



23.3923, 22.5940, 62.8027



31.0645, 22.5940, 40.4546



19.6653, 22.5940, 6.2484



14.0949, 22.5940, 13.5476

Sweetspot

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



23.3932, 22.5948, 62.8033



72.5209, 76.0056, 105.4560



33.4643, 49.9404, 43.9534



15.0191, 15.7225, 22.4931



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



23.3932, 22.5948, 62.8033



30.7488, 27.8247, 98.3578



20.8200, 14.5991, 61.3956



11.4973, 12.0848, 14.9703



8.6548, 5.9561, 37.8860



0.5576, 0.4803, 2.1429

Inverse Universe

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



33.5322, 22.0022, 23.5991



48.8197, 28.7712, 28.0349



45.5534, 56.7642, 17.7895



11.9771, 11.8756, 13.1554



16.9992, 8.6725, 4.9022



0.9877, 0.4998, 0.4699

Previews

White Background



This preview shows how the XYZ color 23.3923, 22.5940, 62.8027 looks on a white background.

Color Contrast Check

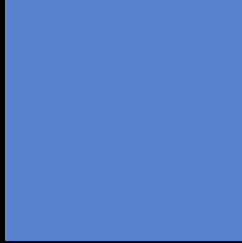
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3923, 22.5940, 62.8027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

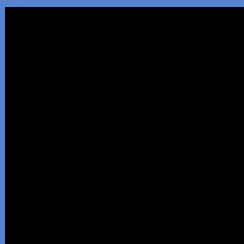
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

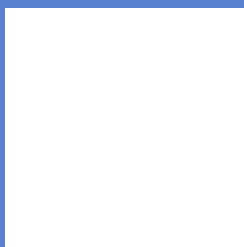
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3923, 22.5940, 62.8027

Background



This preview shows how black text looks on a background with the XYZ color 23.3923, 22.5940, 62.8027.

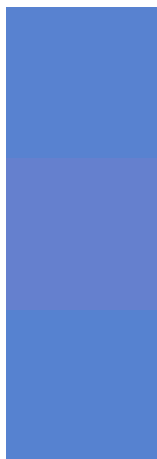


This preview shows how white text looks on a background with the XYZ color 23.3923, 22.5940,

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

23.3923, 22.5940, 62.8027

Protanopia

24.2266, 22.6613, 61.4897

Deuteranopia

23.2055, 22.4978, 62.7939



Tritanopia

17.4546, 22.4735, 33.5549

Trichromacy



Original Color

23.3923, 22.5940, 62.8027

Protanomaly

23.9366, 22.6923, 62.1499

Deuteranomaly

23.2983, 22.5456, 62.7983

Tritanomaly

19.2361, 22.3249, 42.8305

Monochromacy



Original Color

23.3923, 22.5940, 62.8027

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2722, 21.0238, 34.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3923, 22.5940, 62.8027 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(88, 130, 208)` looks like.

```
.text, #text, p{  
    color:rgb(88, 130, 208)  
}
```

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(88, 130, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 130, 208) }
```

Border

The CSS property to change the border of an element to XYZ 23.3923, 22.5940, 62.8027 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(88, 130, 208) }
```


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

```
.border{ border-color:rgb(88, 130, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 130, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 130, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 130, 208);  
box-shadow:4px 4px 4px 4px rgb(88, 130,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3923, 22.5940, 62.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 130, 208) }
```

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

```
.background{ background-color: rgb(88, 130,  
208) }
```

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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