

Converting Colors

XYZ(23.0314, 22.8465, 40.7468)

Have a look what the booklet for
XYZ(23.0314, 22.8465, 40.7468)
contains.

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Color

**XYZ(23.0292, 22.8948,
40.7415)**

Conversions

Conversions Part 1

Format	Color
Hex	7982A9
RGB	121, 130, 169
RGB Percent	47%, 51%, 66%
CMY	0.5255, 0.4902, 0.3373
CMYK	0.28, 0.23, 0.00, 0.34
HSL	229°, 22%, 57%
HSV	229°, 28%, 66%
XYZ	23.0292, 22.8948, 40.7415
YIQ	131.7550, -17.8830, 10.2210

Conversions

Conversions Part 2

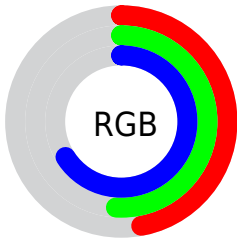
Format	Color
R_{YB}	121, 129, 169
Decimal	7963305
CIE _{Lab}	54.96, 5.83, -21.77
CIE _{LCh}	55, 22.535, 284.996
Yxy	22.8948, 0.2657, 0.2642
Android (android.graphics.Color)	4286153385 (0xFF7982A9)
YUV	131.7550, 18.3618, -9.4321
Hunter-Lab	47.8485, 2.1761, -16.9896

Details

The XYZ color **23.0292, 22.8948, 40.7415** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.3845, 34.9572, 23.1304**, and the grayscale version is **21.7852, 22.9197, 24.9596**.

A 20% lighter version of the original color is **47.8436, 48.2475, 77.3121**, and **8.7518, 8.5088, 18.0107** is the 20% darker color. If you saturate the color by 10%, you get **19.1590, 18.3673, 40.0720**, and if you desaturate by 10%, it is **27.5595, 28.1255, 41.5127**.

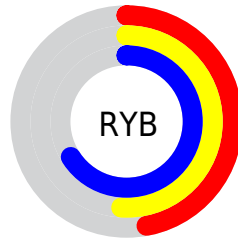
Distribution



Red (47%)

Green (51%)

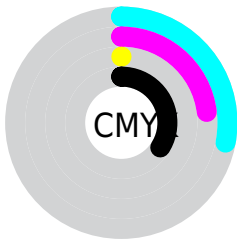
Blue (66%)



Red (47%)

Yellow (51%)

Blue (66%)

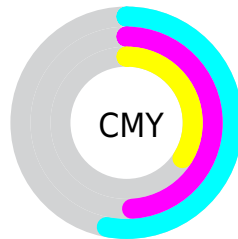


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (49%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0292, 22.8948, 40.7415 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 23.0292, 22.8948, 40.7415 by changing the saturation by 10% instead.

■ 23.0292, 22.8948,
40.7415

■ 23.0292, 22.8948,
40.7415

260.4075,
267.1842, 364.8837

■ 14.7359, 14.5158,
27.7990

■ 47.9076, 48.2205,
77.5407

■ 8.7193, 8.4803,
17.9365

■ 65.2233, 65.9361,
102.2345

■ 4.6142, 4.4038,
10.7354

■ 86.2773, 87.5327,
131.6825

■ 2.0551, 1.9019,
5.7773

111.4348,
113.3946, 166.3031

■ 0.6647, 0.5495,
2.6435

141.0612,
143.9064, 206.5150

■ 0.0000, 0.0000,
0.9148

175.5219,

■ 0.0000, 0.0000,

179.4523, 252.7367

0.0000

215.1822,
220.4168, 305.3868

■ 23.0292, 22.8948,
40.7415

■ 23.0292, 22.8948,
40.7415

■ 19.1590, 18.3673,
40.0720

■ 27.5595, 28.1255,
41.5127

■ 15.9156, 14.5100,
39.4984

■ 32.7769, 34.0851,
42.3881

■ 13.2657, 11.2911,
39.0167

■ 38.7094, 40.8014,
43.3718

■ 11.1724, 8.6753,
38.6222

■ 45.3828, 48.2998,
44.4674

■ 9.5941, 6.6235,
38.3093

■ 52.8219, 56.6047,
45.6783

■ 8.4833, 5.0919,
38.0722

■ 61.0498, 65.7392,
47.0078

■ 7.7641, 4.0196,
37.9032

■ 70.0892, 75.7257,
48.4589

■ 7.6698, 3.8811,
37.8814

■ 79.5175, 86.3567,
50.0140

■ 83.7106, 94.7427,
51.4117

Harmonies

Analogous

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



20.5393, 22.8948, 40.7408



23.0292, 22.8948, 40.7415



25.3417, 22.8948, 35.9930

Triad

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



23.0292, 22.8948, 40.7415



25.3423, 22.8948, 16.4025



17.4379, 22.8948, 21.5299

Complementary

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



23.0292, 22.8948, 40.7415



32.3845, 34.9572, 23.1304

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.



18.5342, 22.8948, 16.4015



23.0292, 22.8948, 40.7415



23.0299, 22.8948, 13.8503

Square

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



23.0292, 22.8948, 40.7415



26.7451, 22.8948, 21.5315



20.5399, 22.8948, 13.8500



17.4378, 22.8948, 28.6653

Rectangle

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



23.0292, 22.8948, 40.7415



26.4172, 22.8948, 31.2158



20.5399, 22.8948, 13.8500



17.6865, 22.8948, 19.5478

Sweetspot

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



23.0299, 22.8957, 40.7420



57.9470, 60.1863, 75.7881



28.3664, 34.9585, 38.2362



12.3310, 12.7777, 16.4686



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.



23.0299, 22.8957, 40.7420



36.8067, 35.8264, 72.2003



24.0555, 21.7241, 40.4618



7.2414, 7.5198, 9.4881



5.7464, 2.9529, 28.2426



0.1714, 0.1350, 0.6977

Inverse Universe

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



27.2294, 23.7221, 24.2638



45.6229, 37.7710, 37.5596



31.0806, 36.6859, 23.5328



7.5865, 7.5644, 8.1395



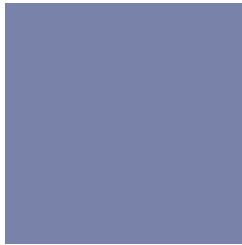
12.4011, 6.3692, 1.6578



0.3177, 0.1613, 0.1243

Previews

White Background



This preview shows how the XYZ color 23.0292, 22.8948, 40.7415 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 23.0292, 22.8948, 40.7415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

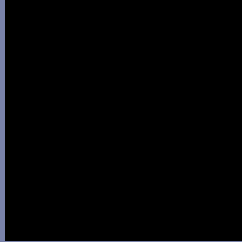
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0292, 22.8948, 40.7415

Background



This preview shows how black text looks on a background with the XYZ color 23.0292, 22.8948, 40.7415.



This preview shows how white text looks on a background with the XYZ color 23.0292, 22.8948,

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

23.0292, 22.8948, 40.7415

Protanopia

23.0292, 22.8948, 40.7415

Deuteranopia

23.3239, 22.8502, 40.7173



Tritanopia

20.8384, 22.8075, 30.0921

Trichromacy



Original Color

23.0292, 22.8948, 40.7415

Protanomaly

23.0292, 22.8948, 40.7415

Deuteranomaly

23.1801, 22.7760, 40.7106

Tritanomaly

21.6915, 22.9597, 33.8603

Monochromacy



Original Color

23.0292, 22.8948, 40.7415

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1292, 22.8661, 30.0353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0292, 22.8948, 40.7415 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(121, 130, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 130, 169)  
}
```

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(121, 130, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 130, 169) }
```

Border

The CSS property to change the border of an element to XYZ 23.0292, 22.8948, 40.7415 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(121, 130, 169) }
```


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

```
.border{ border-color:rgb(121, 130, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 130, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 130, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 130, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 130,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0292, 22.8948, 40.7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 130, 169) }
```

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

```
.background{ background-color: rgb(121,  
130, 169) }
```

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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