

Converting Colors

XYZ(29.3979, 23.5857, 92.6265)

Have a look what the booklet for
XYZ(29.3979, 23.5857, 92.6265)
contains.

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Color

**XYZ(29.3139, 23.4679,
92.6073)**

Conversions

Conversions Part 1

Format	Color
Hex	647AF9
RGB	100, 122, 249
RGB Percent	39%, 48%, 98%
CMY	0.6078, 0.5216, 0.0235
CMYK	0.60, 0.51, 0.00, 0.02
HSL	231°, 93%, 68%
HSV	231°, 60%, 98%
XYZ	29.3139, 23.4679, 92.6073
YIQ	129.9000, -53.8790, 34.8330

Conversions

Conversions Part 2

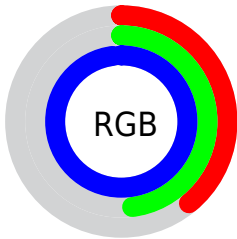
Format	Color
R _Y B	100, 119, 249
Decimal	6585081
CIE Lab	55.55, 29.41, -66.13
CIE LCh	56, 72.372, 293.975
Yxy	23.4679, 0.2016, 0.1614
Android (android.graphics.Color)	4284775161 (0xFF647AF9)
YUV	129.9000, 58.7163, -26.2223
Hunter-Lab	48.4437, 23.2362, -79.4311

Details

The XYZ color **29.3139, 23.4679, 92.6073** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **68.8389, 76.0023, 23.1002**, and the grayscale version is **20.9967, 22.0902, 24.0562**.

A 20% lighter version of the original color is **48.0863, 45.1735, 100.7927**, and **12.1602, 8.8049, 50.9278** is the 20% darker color. If you saturate the color by 10%, you get **24.6410, 17.6038, 91.7222**, and if you desaturate by 10%, it is **35.3993, 30.9052, 93.7227**.

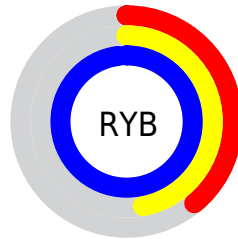
Distribution



Red (39%)

Green (48%)

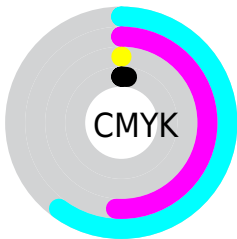
Blue (98%)



Red (39%)

Yellow (47%)

Blue (98%)

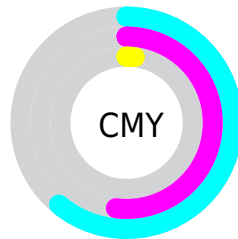


Cyan (60%)

Magenta (51%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (52%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3139, 23.4679, 92.6073 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 29.3139, 23.4679, 92.6073 by changing the saturation by 10% instead.

■ 29.3139, 23.4679,
92.6073

■ 29.3139, 23.4679,
92.6073

290.6607,
270.1192, 557.2638

■ 19.4639, 14.9394,
69.5593

■ 57.9696, 49.1605,
152.9218

■ 12.1119, 8.7769,
50.6928

■ 77.5059, 67.0933,
191.0254

■ 6.8927, 4.5959,
35.5891

■ 101.0017, 88.9298,
234.9846

■ 3.4408, 2.0122,
23.8299

128.8224,
115.0541, 285.2180

■ 1.3909, 0.6145,
14.9964

161.3333,
145.8509, 342.1440

■ 0.2498, 0.0000,
8.6703

198.8997,

■ 0.0000, 0.0000,

181.7044, 406.1813

4.4329

241.8871,
222.9990, 477.7484

■ 0.0000, 0.0000,
1.8657

■ 0.0000, 0.0000,
0.4708

■ 29.3139, 23.4679,
92.6073

■ 29.3139, 23.4679,
92.6073

■ 24.6410, 17.6038,
91.7222

■ 35.3993, 30.9052,
93.7227

■ 21.2606, 13.1949,
91.0494

■ 42.9974, 40.0176,
95.0811

■ 19.0371, 10.1094,
90.5710

■ 52.2030, 50.9005,
96.6965

■ 17.7689, 8.1718,
90.2639

■ 63.1021, 63.6416,
98.5813

■ 17.7530, 8.1476,
90.2600

■ 75.7744, 78.3228,
100.7472

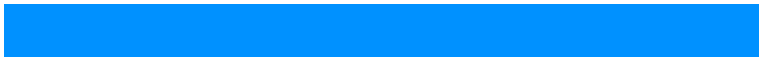
■ 90.2947, 95.0209,
103.2049

■ 94.0990, 99.6196,
103.8921

Harmonies

Analogous

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



20.6975, 23.4679, 101.4427



29.3139, 23.4679, 92.6073



37.5681, 23.4679, 62.1782

Triad

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



29.3139, 23.4679, 92.6073



32.8743, 23.4679, 3.7089



10.0502, 23.4679, 21.1168

Complementary

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



29.3139, 23.4679, 92.6073



68.8389, 76.0023, 23.1002

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.



11.8635, 23.4679, 7.1793



29.3139, 23.4679, 92.6073



23.9947, 23.4679, 1.8473

Square

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



29.3139, 23.4679, 92.6073



39.9500, 23.4679, 11.2889



16.5140, 23.4679, 2.5519



10.8140, 23.4679, 48.5284

Rectangle

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



29.3139, 23.4679, 92.6073



41.0582, 23.4679, 40.0867



16.5140, 23.4679, 2.5519



10.3610, 23.4679, 15.0397

Sweetspot

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



29.3150, 23.4686, 92.6079



68.8968, 69.8378, 104.4565



52.9493, 75.9884, 84.2978



13.9675, 14.0418, 22.2241



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.



29.3150, 23.4686, 92.6079



25.0927, 17.4043, 96.6446



34.6348, 22.6457, 92.1687



16.4898, 17.0563, 21.8084



9.5646, 4.4847, 48.3351



0.9458, 0.5352, 4.4966

Inverse Universe

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



47.1380, 30.6608, 21.8463



45.7471, 26.7089, 14.4241



59.1640, 80.5225, 24.4826



17.3490, 17.2670, 18.4276



21.1198, 10.8636, 2.0733



1.9863, 1.0183, 0.3513

Previews

White Background



This preview shows how the XYZ color 29.3139, 23.4679, 92.6073 looks on a white background.

Color Contrast Check

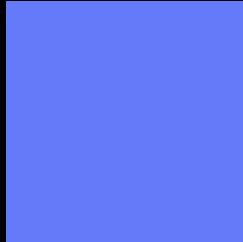
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3139, 23.4679, 92.6073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

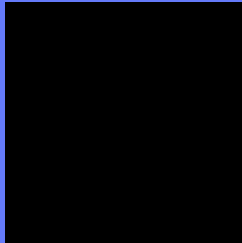
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3139, 23.4679, 92.6073

Background



This preview shows how black text looks on a background with the XYZ color 29.3139, 23.4679, 92.6073.



This preview shows how white text looks on a background with the XYZ color 29.3139, 23.4679,

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

29.3139, 23.4679, 92.6073

Protanopia

27.5728, 23.5881, 97.7075

Deuteranopia

24.0966, 23.5010, 84.1550



Tritanopia

17.8711, 23.5506, 35.0563

Trichromacy



Original Color

29.3139, 23.4679, 92.6073

Protanomaly

28.0145, 23.4694, 95.9820

Deuteranomaly

24.7372, 22.7511, 87.0920

Tritanomaly

20.9876, 23.0255, 52.0534

Monochromacy



Original Color

29.3139, 23.4679, 92.6073

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.7399, 22.1178, 42.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3139, 23.4679, 92.6073 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(100, 122, 249)` looks like.

```
.text, #text, p{  
    color:rgb(100, 122, 249)  
}
```

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(100, 122, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 122, 249) }
```

Border

The CSS property to change the border of an element to XYZ 29.3139, 23.4679, 92.6073 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(100, 122, 249) }
```


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

```
.border{ border-color:rgb(100, 122, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 122, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 122, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 122, 249);  
box-shadow:4px 4px 4px 4px rgb(100, 122,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3139, 23.4679, 92.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 122, 249) }
```

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

```
.background{ background-color: rgb(100,  
122, 249) }
```

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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