

Converting Colors

XYZ(23.6388, 17.0092, 71.1032)

Have a look what the booklet for
XYZ(23.6388, 17.0092, 71.1032)
contains.

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Color

**XYZ(23.6439, 17.0115,
71.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	6C61DE
RGB	108, 97, 222
RGB Percent	42%, 38%, 87%
CMY	0.5764, 0.6196, 0.1294
CMYK	0.51, 0.56, 0.00, 0.13
HSL	245°, 65%, 63%
HSV	245°, 56%, 87%
XYZ	23.6439, 17.0115, 71.1446
YIQ	114.5390, -33.5690, 41.2070

Conversions

Conversions Part 2

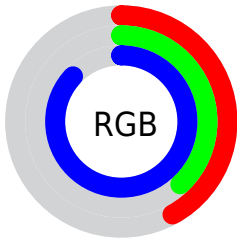
Format	Color
R _Y B	108, 97, 222
Decimal	7102942
CIE Lab	48.27, 37.41, -62.73
CIE LCh	48, 73.041, 300.812
Yxy	17.0115, 0.2115, 0.1522
Android (android.graphics.Color)	4285293022 (0xFF6C61DE)
YUV	114.5390, 52.9783, -5.7347
Hunter-Lab	41.2450, 30.1473, -73.3994

Details

The XYZ color **23.6439, 17.0115, 71.1446** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **55.1419, 66.9542, 21.3267**, and the grayscale version is **16.0097, 16.8435, 18.3425**.

A 20% lighter version of the original color is **44.5763, 36.6153, 99.3258**, and **9.0622, 5.5699, 36.6738** is the 20% darker color. If you saturate the color by 10%, you get **19.6893, 12.3422, 70.4521**, and if you desaturate by 10%, it is **28.7456, 23.1242, 72.0560**.

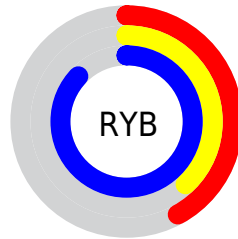
Distribution



Red (42%)

Green (38%)

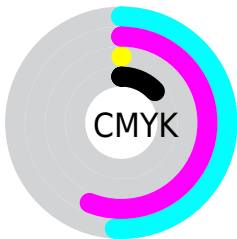
Blue (87%)



Red (42%)

Yellow (38%)

Blue (87%)

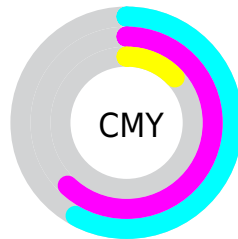


Cyan (51%)

Magenta (56%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (62%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6439, 17.0115, 71.1446 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 23.6439, 17.0115, 71.1446 by changing the saturation by 10% instead.

■ 23.6439, 17.0115,
71.1446

■ 23.6439, 17.0115,
71.1446

263.4892,
235.2386, 483.4560

■ 15.1930, 10.2427,
51.9777

■ 48.9074, 38.3455,
122.5360

■ 9.0421, 5.5602,
36.6051

■ 66.4507, 53.6796,
155.5975

■ 4.8260, 2.5795,
24.6085

■ 87.7554, 72.6375,
194.1276

■ 2.1792, 0.9164,
15.5693

■ 113.1871, 95.6036,
238.5448

■ 0.7318, 0.0000,
9.0688

143.1109,
122.9624, 289.2678

■ 0.0000, 0.0000,
4.6887

177.8923,

■ 0.0000, 0.0000,

155.0982, 346.7149

2.0103

217.8966,
192.3955, 411.3048

■ 0.0000, 0.0000,
0.5616

■ 0.0000, 0.0000,
0.0000

■ 23.6439, 17.0115,
71.1446

■ 23.6439, 17.0115,
71.1446

■ 19.6893, 12.3422,
70.4521

■ 28.7456, 23.1242,
72.0560

■ 16.7900, 8.9955,
69.9590

■ 35.0718, 30.7845,
73.2011

■ 14.8441, 6.8337,
69.6443

■ 42.6961, 40.0889,
74.5952

■ 13.7265, 5.6853,
69.4815

■ 51.6853, 51.1254,
76.2517

■ 13.4642, 5.4179,
69.4437

■ 62.1017, 63.9757,
78.1830

■ 74.0040, 78.7167,
80.4010

■ 87.4473, 95.4203,
82.9166

■ 90.1849, 98.0540,
83.2807

Harmonies

Analogous

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



16.3508, 17.0115, 84.5814



23.6439, 17.0115, 71.1446



30.1005, 17.0115, 42.7403

Triad

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



23.6439, 17.0115, 71.1446



23.2418, 17.0115, 1.4177



6.4564, 17.0115, 19.0465

Complementary

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



23.6439, 17.0115, 71.1446



55.1419, 66.9542, 21.3267

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.



7.3768, 17.0115, 5.7874



23.6439, 17.0115, 71.1446



15.9884, 17.0115, 0.7130

Square

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



23.6439, 17.0115, 71.1446



29.8270, 17.0115, 5.3832



10.4632, 17.0115, 1.5134



7.4848, 17.0115, 44.3293

Rectangle

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



23.6439, 17.0115, 71.1446



32.3640, 17.0115, 25.0078



10.4632, 17.0115, 1.5134



6.5451, 17.0115, 13.2684

Sweetspot

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



23.6447, 17.0120, 71.1450



69.6676, 68.6500, 104.1866



41.5544, 54.6946, 77.4746



14.3522, 14.0059, 22.1969



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.



23.6447, 17.0120, 71.1450



25.9527, 15.7284, 96.2758



34.0194, 22.3604, 71.6306



13.0634, 13.3007, 17.2665



8.0366, 3.2383, 41.2498



0.5962, 0.2447, 2.8610

Inverse Universe

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



46.1565, 28.7822, 64.7481



59.9159, 33.5099, 85.5414



40.6889, 59.5034, 20.6503



14.2403, 13.9137, 17.0353



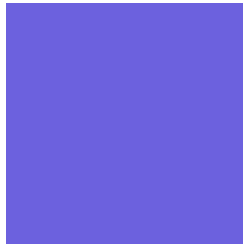
24.2787, 11.7785, 34.4628



1.6984, 0.8226, 2.4704

Previews

White Background



This preview shows how the XYZ color 23.6439, 17.0115, 71.1446 looks on a white background.

Color Contrast Check

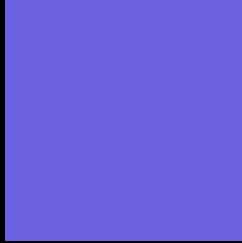
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.6439, 17.0115, 71.1446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

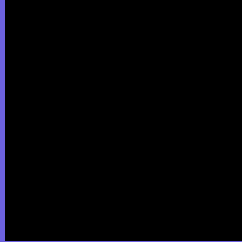
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.6439, 17.0115, 71.1446

Background



This preview shows how black text looks on a background with the XYZ color 23.6439, 17.0115, 71.1446.



This preview shows how white text looks on a background with the XYZ color 23.6439, 17.0115,

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

23.6439, 17.0115, 71.1446

Protanopia

20.4272, 17.0924, 80.0644

Deuteranopia

17.2604, 17.0822, 59.5142



Tritanopia

14.1586, 16.9757, 24.0031

Trichromacy



Original Color

23.6439, 17.0115, 71.1446



Protanomaly

20.1712, 16.2477, 76.9359



Deuteranomaly

18.1705, 16.2863, 63.8139



Tritanomaly

16.7115, 16.4423, 37.4149

Monochromacy



Original Color

23.6439, 17.0115, 71.1446



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

17.8774, 16.5030, 32.8150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6439, 17.0115, 71.1446 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(108, 97, 222)` looks like.

```
.text, #text, p{  
    color:rgb(108, 97, 222)  
}
```

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(108, 97, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 97, 222) }
```

Border

The CSS property to change the border of an element to XYZ 23.6439, 17.0115, 71.1446 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(108, 97, 222) }
```


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

```
.border{ border-color:rgb(108, 97, 222) }
```

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

Here you see how a box with a 4 pixel rgb(108, 97, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 97, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 97, 222);  
box-shadow:4px 4px 4px 4px rgb(108, 97,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6439, 17.0115, 71.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 97, 222) }
```

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

```
.background{ background-color: rgb(108, 97,  
222) }
```

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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