

Converting Colors

XYZ(23.6546, 15.2833, 75.1015)

Have a look what the booklet for
XYZ(23.6546, 15.2833, 75.1015)
contains.

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Color

**XYZ(23.6043, 15.2571,
75.0996)**

Conversions

Conversions Part 1

Format	Color
Hex	6E54E4
RGB	110, 84, 228
RGB Percent	43%, 33%, 89%
CMY	0.5686, 0.6706, 0.1059
CMYK	0.52, 0.63, 0.00, 0.11
HSL	251°, 73%, 61%
HSV	251°, 63%, 89%
XYZ	23.6043, 15.2571, 75.0996
YIQ	108.1900, -30.7280, 50.2960

Conversions

Conversions Part 2

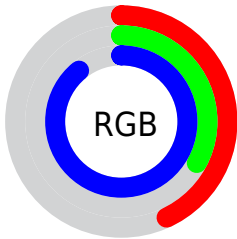
Format	Color
R _Y B	110, 84, 228
Decimal	7230692
CIE Lab	45.98, 47.11, -69.84
CIE LCh	46, 84.242, 304.001
Yxy	15.2571, 0.2071, 0.1339
Android (android.graphics.Color)	4285420772 (0xFF6E54E4)
YUV	108.1900, 59.0663, 1.5874
Hunter-Lab	39.0603, 39.5126, -86.6520

Details

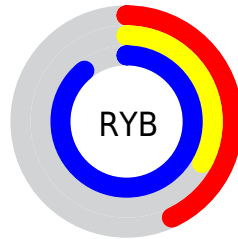
The XYZ color **23.6043, 15.2571, 75.0996** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **53.6998, 68.6832, 18.8145**, and the grayscale version is **14.1535, 14.8906, 16.2159**.

A 20% lighter version of the original color is **43.2915, 33.0940, 98.7138**, and **8.9778, 4.7156, 38.9651** is the 20% darker color. If you saturate the color by 10%, you get **20.0294, 11.2010, 74.5055**, and if you desaturate by 10%, it is **28.2465, 20.7181, 75.9094**.

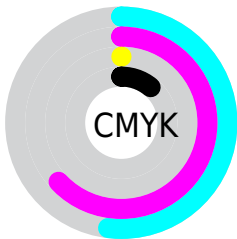
Distribution



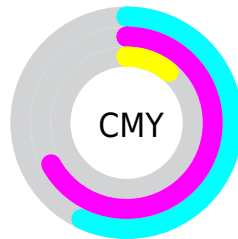
- Red (43%)
- Green (33%)
- Blue (89%)



- Red (43%)
- Yellow (33%)
- Blue (89%)



- Cyan (52%)
- Magenta (63%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (67%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6043, 15.2571, 75.0996 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 23.6043, 15.2571, 75.0996 by changing the saturation by 10% instead.

■ 23.6043, 15.2571,
75.0996

■ 23.6043, 15.2571,
75.0996

263.2916,
224.9171, 497.5244

■ 15.1635, 9.0000,
55.1923

■ 48.8431, 35.3036,
128.2017

■ 9.0213, 4.7412,
39.1560

■ 66.3718, 49.8618,
162.2336

■ 4.8123, 2.0962,
26.5724

■ 87.6605, 67.9558,
201.8108

■ 2.1712, 0.6625,
17.0227

■ 113.0746, 89.9700,
247.3517

■ 0.7275, 0.0000,
10.0886

■ 142.9793,
116.2889, 299.2750

■ 0.0000, 0.0000,
5.3513

177.7402,

■ 0.0000, 0.0000,

147.2968, 357.9992

2.3925

217.7225,
183.3781, 423.9428

■ 0.0000, 0.0000,
0.7824

■ 0.0000, 0.0000,
0.0000

■ 23.6043, 15.2571,
75.0996

■ 23.6043, 15.2571,
75.0996

■ 20.0294, 11.2010,
74.5055

■ 28.2465, 20.7181,
75.9094

■ 17.4301, 8.4159,
74.1049

■ 34.0325, 27.6981,
76.9517

■ 15.7021, 6.7434,
73.8731

■ 41.0341, 36.3010,
78.2432

■ 14.9251, 6.0765,
73.7854

■ 49.3166, 46.6211,
79.7986

■ 58.9407, 58.7454,
81.6316

■ 69.9627, 72.7549,
83.7548

■ 82.4362, 88.7257,
86.1800

■ 91.0037, 98.3815,
87.5923

Harmonies

Analogous

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



15.4798, 15.2571, 94.6952



23.6043, 15.2571, 75.0996



30.6546, 15.2571, 40.4685

Triad

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



23.6043, 15.2571, 75.0996



21.3837, 15.2571, 0.2493



4.6705, 15.2571, 19.5073

Complementary

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



23.6043, 15.2571, 75.0996



53.6998, 68.6832, 18.8145

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.



5.3363, 15.2571, 4.6568



23.6043, 15.2571, 75.0996



13.5651, 15.2571, 0.0000

Square

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



23.6043, 15.2571, 75.0996



29.1048, 15.2571, 2.9048



8.1036, 15.2571, 0.6603



5.8431, 15.2571, 49.6880

Rectangle

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



23.6043, 15.2571, 75.0996



32.8685, 15.2571, 21.0653



8.1036, 15.2571, 0.6603



4.6901, 15.2571, 12.8359

Sweetspot

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



23.6051, 15.2575, 75.1000



68.3663, 66.1204, 103.7670



39.2529, 50.6723, 81.1110



13.8952, 13.2250, 22.0703



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.



23.6051, 15.2575, 75.1000



24.5742, 13.0764, 95.8365



35.9965, 21.6456, 75.6799



13.8244, 14.0117, 18.1202



8.6892, 3.5453, 42.6095



0.7128, 0.2984, 3.1520

Inverse Universe

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



45.8256, 27.0989, 58.6899



55.8380, 29.7863, 70.5180



38.8596, 61.0328, 18.1200



14.8776, 14.5682, 17.5556



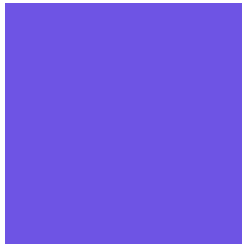
23.6840, 11.6078, 28.2946



1.7794, 0.8695, 2.2449

Previews

White Background



This preview shows how the XYZ color 23.6043, 15.2571, 75.0996 looks on a white background.

Color Contrast Check

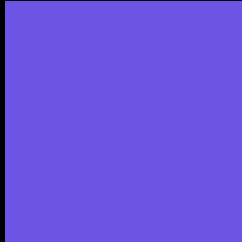
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6043, 15.2571, 75.0996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

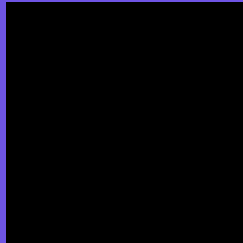
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.6043, 15.2571, 75.0996

Background



This preview shows how black text looks on a background with the XYZ color 23.6043, 15.2571, 75.0996.



This preview shows how white text looks on a background with the XYZ color 23.6043, 15.2571,

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

23.6043, 15.2571, 75.0996

Deuteranopia

15.1989, 15.1747, 51.9971

Tritanopia

12.8294, 15.2945, 21.3447

Trichromacy



Original Color

23.6043, 15.2571, 75.0996

Deuteranomaly

16.5482, 14.1663, 59.6198

Tritanomaly

15.5917, 14.6331, 36.1851

Monochromacy



Original Color

23.6043, 15.2571, 75.0996

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.4360, 14.4419, 31.6271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6043, 15.2571, 75.0996 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(110, 84, 228)` looks like.

```
.text, #text, p{  
    color:rgb(110, 84, 228)  
}
```

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(110, 84, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 84, 228) }
```

Border

The CSS property to change the border of an element to XYZ 23.6043, 15.2571, 75.0996 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(110, 84, 228) }
```

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

```
.border{ border-color:rgb(110, 84, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 84, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 84, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 84, 228);  
box-shadow:4px 4px 4px 4px rgb(110, 84,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 23.6043, 15.2571, 75.0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 84, 228) }
```

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

```
.background{ background-color: rgb(110, 84,  
228) }
```

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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