

Converting Colors

XYZ(23.7553, 19.4719, 60.5255)

Have a look what the booklet for
XYZ(23.7553, 19.4719, 60.5255)
contains.

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Color

**XYZ(23.6433, 19.3541,
60.2472)**

Conversions

Conversions Part 1

Format	Color
Hex	726FCD
RGB	114, 111, 205
RGB Percent	45%, 44%, 80%
CMY	0.5529, 0.5647, 0.1961
CMYK	0.44, 0.46, 0.00, 0.20
HSL	242°, 48%, 62%
HSV	242°, 46%, 80%
XYZ	23.6433, 19.3541, 60.2472
YIQ	122.6130, -28.3860, 29.8700

Conversions

Conversions Part 2

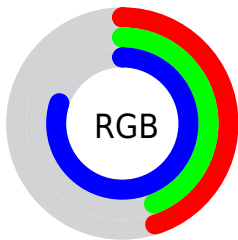
Format	Color
R _Y B	114, 111, 205
Decimal	7499725
CIE Lab	51.10, 25.24, -48.51
CIE LCh	51, 54.678, 297.487
Yxy	19.3541, 0.2290, 0.1875
Android (android.graphics.Color)	4285689805 (0xFF726FCD)
YUV	122.6130, 40.6168, -7.5536
Hunter-Lab	43.9933, 18.9429, -50.4002

Details

The XYZ color **23.6433, 19.3541, 60.2472** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.0577, 57.3671, 23.5268**, and the grayscale version is **18.5776, 19.5451, 21.2846**.

A 20% lighter version of the original color is **47.7248, 41.9604, 100.1915**, and **9.0275, 6.6566, 29.6632** is the 20% darker color. If you saturate the color by 10%, you get **19.3505, 14.1932, 59.4777**, and if you desaturate by 10%, it is **29.0109, 25.8315, 61.2150**.

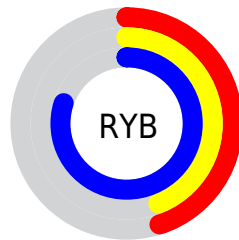
Distribution



Red (45%)

Green (44%)

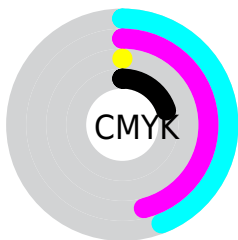
Blue (80%)



Red (45%)

Yellow (44%)

Blue (80%)

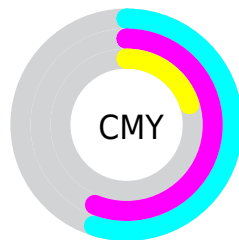


Cyan (44%)

Magenta (46%)

Yellow (0%)

Black (20%)



Cyan (55%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6433, 19.3541, 60.2472 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 23.6433, 19.3541, 60.2472 by changing the saturation by 10% instead.

■ 23.6433, 19.3541,
60.2472

■ 23.6433, 19.3541,
60.2472

263.4862,
248.3967, 443.3383

■ 15.1925, 11.9264,
43.1913

■ 48.9064, 42.3316,
106.7351

■ 9.0418, 6.6936,
29.7027

■ 66.4495, 58.6502,
137.0041

■ 4.8258, 3.2712,
19.3629

■ 87.7540, 78.7012,
172.5146

■ 2.1791, 1.2749,
11.7534

■ 113.1854,
102.8691, 213.6852

■ 0.7317, 0.1217,
6.4555

143.1089,
131.5382, 260.9343

■ 0.0000, 0.0000,
3.0507

177.8900,

■ 0.0000, 0.0000,

165.0929, 314.6805

1.1206

217.8940,
203.9176, 375.3423

■ 0.0000, 0.0000,
0.0000

■ 23.6433, 19.3541,
60.2472

■ 23.6433, 19.3541,
60.2472

■ 19.3505, 14.1932,
59.4777

■ 29.0109, 25.8315,
61.2150

■ 16.0580, 10.2567,
58.8914

■ 35.5165, 33.7051,
62.3918

■ 13.6855, 7.4439,
58.4735

■ 43.2210, 43.0503,
63.7896

■ 12.1393, 5.6374,
58.2063

■ 52.1807, 53.9369,
65.4187

■ 11.3052, 4.6921,
58.0678

■ 62.4479, 66.4301,
67.2889

■ 11.1015, 4.4501,
58.0318

■ 74.0722, 80.5913,
69.4097

■ 87.1005, 96.4787,
71.7896

■ 88.0195, 97.1878,
71.8780

Harmonies

Analogous

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



17.9418, 19.3541, 67.2379



23.6433, 19.3541, 60.2472



28.6706, 19.3541, 41.5587

Triad

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



23.6433, 19.3541, 60.2472



24.5923, 19.3541, 4.5848



9.8170, 19.3541, 19.7902

Complementary

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



23.6433, 19.3541, 60.2472



49.0577, 57.3671, 23.5268

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.



10.9256, 19.3541, 8.7476



23.6433, 19.3541, 60.2472



18.8567, 19.3541, 3.0988

Square

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



23.6433, 19.3541, 60.2472



29.2899, 19.3541, 10.0720



13.9880, 19.3541, 4.1270



10.6055, 19.3541, 38.0914

Rectangle

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



23.6433, 19.3541, 60.2472



30.5763, 19.3541, 28.2326



13.9880, 19.3541, 4.1270



9.9743, 19.3541, 15.2398

Sweetspot

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



23.6441, 19.3548, 60.2477



73.1084, 73.3241, 104.9075



39.0339, 50.7046, 65.4877



15.0050, 14.9134, 22.3377



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.



23.6441, 19.3548, 60.2477



31.7914, 23.3627, 97.4416



31.1152, 23.2062, 60.5973



10.6343, 10.8608, 14.1062



6.9263, 2.7782, 36.1275



0.3692, 0.1494, 1.8643

Inverse Universe

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



41.5222, 28.6128, 59.2108



64.6795, 40.3994, 95.2605



38.4954, 51.9221, 23.0325



11.6715, 11.3973, 14.0706



22.0588, 10.6341, 34.3577



1.1430, 0.5506, 1.7986

Previews

White Background



This preview shows how the XYZ color 23.6433, 19.3541, 60.2472 looks on a white background.

Color Contrast Check

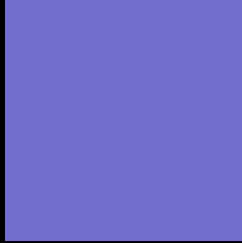
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6433, 19.3541, 60.2472 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 23.6433, 19.3541, 60.2472

Background



This preview shows how black text looks on a background with the XYZ color 23.6433, 19.3541, 60.2472.



This preview shows how white text looks on a background with the XYZ color 23.6433, 19.3541,

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

23.6433, 19.3541, 60.2472

Protanopia

21.5865, 19.3726, 64.8889

Deuteranopia

19.9349, 19.3766, 58.5665



Tritanopia

16.9286, 19.4717, 26.5331

Trichromacy



Original Color

23.6433, 19.3541, 60.2472

Protanomaly

22.0530, 19.1402, 62.8537

Deuteranomaly

20.9141, 19.1535, 59.0946

Tritanomaly

18.9525, 19.1669, 36.8831

Monochromacy



Original Color

23.6433, 19.3541, 60.2472

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.0923, 19.4866, 32.8393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6433, 19.3541, 60.2472 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(114, 111, 205)` looks like.

```
.text, #text, p{  
    color:rgb(114, 111, 205)  
}
```

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(114, 111, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 111, 205) }
```

Border

The CSS property to change the border of an element to XYZ 23.6433, 19.3541, 60.2472 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(114, 111, 205) }
```


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

```
.border{ border-color:rgb(114, 111, 205) }
```

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

Here you see how a box with a 4 pixel rgb(114, 111, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 111, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 111, 205);  
box-shadow:4px 4px 4px 4px rgb(114, 111,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6433, 19.3541, 60.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 111, 205) }
```

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

```
.background{ background-color: rgb(114,  
111, 205) }
```

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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