

Converting Colors

XYZ(19.3285, 15.5315, 44.1257)

Have a look what the booklet for
XYZ(19.3285, 15.5315, 44.1257)
contains.

XYZ(19.3430, 15.5271, 44.0970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3430, 15.5271,
44.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	7262B2
RGB	114, 98, 178
RGB Percent	45%, 38%, 70%
CMY	0.5529, 0.6157, 0.3020
CMYK	0.36, 0.45, 0.00, 0.30
HSL	252°, 34%, 54%
HSV	252°, 45%, 70%
XYZ	19.3430, 15.5271, 44.0970
YIQ	111.9040, -16.1440, 28.2720

Conversions

Conversions Part 2

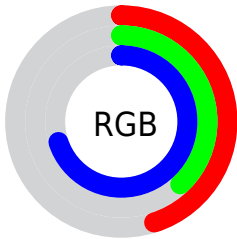
Format	Color
R_{YB}	114, 98, 178
Decimal	7496370
CIE _{Lab}	46.35, 25.36, -40.48
CIE _{LCh}	46, 47.765, 302.071
Yxy	15.5271, 0.2450, 0.1966
Android (android.graphics.Color)	4285686450 (0xFF7262B2)
YUV	111.9040, 32.5853, 1.8382
Hunter-Lab	39.4044, 18.6650, -38.7676

Details

The XYZ color **19.3430, 15.5271, 44.0970** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **33.0253, 40.4042, 17.6139**, and the grayscale version is **15.2844, 16.0804, 17.5116**.

A 20% lighter version of the original color is **41.7472, 35.7602, 82.5440**, and **6.8721, 4.8725, 19.9803** is the 20% darker color. If you saturate the color by 10%, you get **16.1488, 11.6771, 43.5225**, and if you desaturate by 10%, it is **23.1971, 20.2675, 44.8092**.

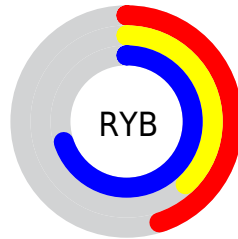
Distribution



Red (45%)

Green (38%)

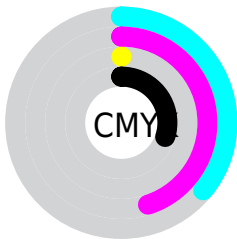
Blue (70%)



Red (45%)

Yellow (38%)

Blue (70%)

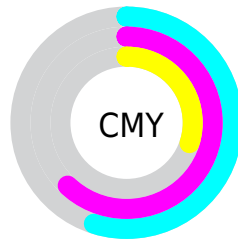


Cyan (36%)

Magenta (45%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (62%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3430, 15.5271, 44.0970 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 19.3430, 15.5271, 44.0970 by changing the saturation by 10% instead.

■ 19.3430, 15.5271,
44.0970

■ 19.3430, 15.5271,
44.0970

241.2378,
226.5348, 379.1569

■ 12.0239, 9.1901,
30.4090

■ 41.8253, 35.7753,
82.6677

■ 6.8322, 4.8654,
19.8946

■ 57.7192, 50.4552,
108.3875

■ 3.4028, 2.1685,
12.1351

■ 77.2020, 68.6850,
138.9550

■ 1.3702, 0.7027,
6.7121

■ 100.6391, 90.8490,
174.7888

■ 0.2348, 0.0000,
3.2070

128.3959,
117.3316, 216.3073

■ 0.0000, 0.0000,
1.2013

160.8377,

■ 0.0000, 0.0000,

148.5172, 263.9291

0.0000

198.3299,
184.7901, 318.0728

■ 19.3430, 15.5271,
44.0970

■ 19.3430, 15.5271,
44.0970

■ 16.1488, 11.6771,
43.5225

■ 23.1971, 20.2675,
44.8092

■ 13.5745, 8.6594,
43.0757

■ 27.7444, 25.9483,
45.6660

■ 11.5786, 6.4112,
42.7470

■ 33.0178, 32.6173,
46.6753

■ 10.1132, 4.8603,
42.5249

■ 39.0478, 40.3191,
47.8441

■ 9.1217, 3.9192,
42.3955

■ 45.8629, 49.0952,
49.1788

■ 8.7497, 3.5823,
42.3501

■ 53.4904, 58.9849,
50.6857

■ 61.9559, 70.0255,
52.3706

■ 71.2843, 82.2526,
54.2390

■ 80.4689, 93.6400,
55.9529

Harmonies

Analogous

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



15.0442, 15.5271, 50.9094



19.3430, 15.5271, 44.0970



22.8596, 15.5271, 29.8113

Triad

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



19.3430, 15.5271, 44.0970



18.7591, 15.5271, 3.7888



8.2082, 15.5271, 17.7339

Complementary

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



19.3430, 15.5271, 44.0970



33.0253, 40.4042, 17.6139

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.



8.8401, 15.5271, 8.3951



19.3430, 15.5271, 44.0970



14.4755, 15.5271, 2.9051

Square

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



19.3430, 15.5271, 44.0970



22.4810, 15.5271, 7.5414



10.9617, 15.5271, 4.0973



9.0437, 15.5271, 31.9178

Rectangle

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



19.3430, 15.5271, 44.0970



24.0045, 15.5271, 20.2098



10.9617, 15.5271, 4.0973



8.2557, 15.5271, 13.9841

Sweetspot

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



19.3436, 15.5277, 44.0974



61.6550, 61.4134, 84.9856



25.9936, 31.6521, 46.8592



13.1581, 12.9682, 18.7319



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.3436, 15.5277, 44.0974



29.2891, 21.1809, 78.9258



25.7304, 18.8202, 44.3963



8.1955, 8.3093, 10.6782



6.3030, 2.5851, 30.3038



0.2448, 0.1053, 0.9557

Inverse Universe

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



29.2496, 20.8093, 36.6570



49.7867, 32.1304, 62.6003



26.1514, 36.8605, 17.2922



8.7757, 8.6170, 10.3174



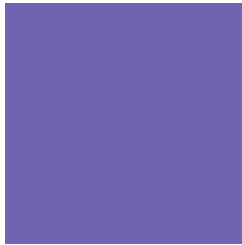
16.6744, 8.1873, 19.2431



0.5432, 0.2650, 0.7031

Previews

White Background



This preview shows how the XYZ color 19.3430, 15.5271, 44.0970 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 19.3430, 15.5271, 44.0970 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 19.3430, 15.5271, 44.0970

Background



This preview shows how black text looks on a background with the XYZ color 19.3430, 15.5271, 44.0970.



This preview shows how white text looks on a background with the XYZ color 19.3430, 15.5271,

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

19.3430, 15.5271, 44.0970

Protanopia

17.2078, 15.6397, 49.1255

Deuteranopia

15.9863, 15.6247, 42.7307



Tritanopia

14.4414, 15.4916, 19.9983

Trichromacy



Original Color

19.3430, 15.5271, 44.0970

Protanomaly

17.8185, 15.5350, 47.4068

Deuteranomaly

16.9210, 15.4689, 43.1683

Tritanomaly

15.9056, 15.2953, 27.3133

Monochromacy



Original Color

19.3430, 15.5271, 44.0970

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5117, 15.8037, 25.4727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3430, 15.5271, 44.0970 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, 98, 178)` looks like.

```
.text, #text, p{  
    color:rgb(114, 98, 178)  
}
```

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, 98, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 98, 178) }
```

Border

The CSS property to change the border of an element to XYZ 19.3430, 15.5271, 44.0970 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, 98, 178) }
```


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

```
.border{ border-color:rgb(114, 98, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 98, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 98, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 98, 178);  
box-shadow:4px 4px 4px 4px rgb(114, 98,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3430, 15.5271, 44.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 98, 178) }
```

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

```
.background{ background-color: rgb(114, 98,  
178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor