

Converting Colors

XYZ(19.2256, 15.2687, 43.5042)

Have a look what the booklet for
XYZ(19.2256, 15.2687, 43.5042)
contains.

XYZ(19.1889, 15.1849, 43.5146)	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(19.1889, 15.1849,
43.5146)**

Conversions

Conversions Part 1

Format	Color
Hex	7360B1
RGB	115, 96, 177
RGB Percent	45%, 38%, 69%
CMY	0.5490, 0.6235, 0.3059
CMYK	0.35, 0.46, 0.00, 0.31
HSL	254°, 34%, 54%
HSV	254°, 46%, 69%
XYZ	19.1889, 15.1849, 43.5146
YIQ	110.9150, -14.6770, 29.2190

Conversions

Conversions Part 2

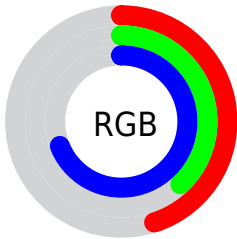
Format	Color
R_{YB}	115, 96, 177
Decimal	7561393
CIE _{Lab}	45.89, 26.57, -40.62
CIE _{LCh}	46, 48.534, 303.189
Yxy	15.1849, 0.2464, 0.1950
Android (android.graphics.Color)	4285751473 (0xFF7360B1)
YUV	110.9150, 32.5799, 3.5825
Hunter-Lab	38.9678, 19.7050, -38.9305

Details

The XYZ color **19.1889, 15.1849, 43.5146** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **31.9342, 39.5582, 17.0192**, and the grayscale version is **14.9969, 15.7779, 17.1822**.

A 20% lighter version of the original color is **41.5039, 35.1856, 81.6948**, and **6.7863, 4.7086, 19.6200** is the 20% darker color. If you saturate the color by 10%, you get **16.0996, 11.4591, 42.9586**, and if you desaturate by 10%, it is **22.9048, 19.7739, 44.2048**.

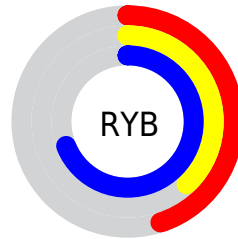
Distribution



Red (45%)

Green (38%)

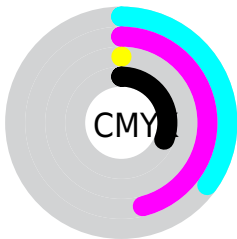
Blue (69%)



Red (45%)

Yellow (38%)

Blue (69%)

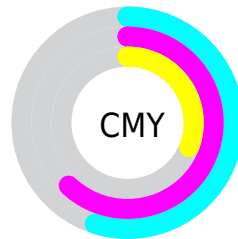


Cyan (35%)

Magenta (46%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (62%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1889, 15.1849, 43.5146 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 19.1889, 15.1849, 43.5146 by changing the saturation by 10% instead.

■ 19.1889, 15.1849,
43.5146

■ 19.1889, 15.1849,
43.5146

240.4078,
224.4827, 376.7070

■ 11.9117, 8.9493,
29.9547

■ 41.5675, 35.1772,
81.7815

■ 6.7553, 4.7081,
19.5524

■ 57.3995, 49.7027,
107.3256

■ 3.3545, 2.0770,
11.8893

■ 76.8139, 67.7602,
137.7015

■ 1.3439, 0.6517,
6.5467

■ 100.1759, 89.7342,
173.3277

■ 0.2157, 0.0000,
3.1062

127.8509,
116.0091, 214.6229

■ 0.0000, 0.0000,
1.1491

160.2043,

■ 0.0000, 0.0000,

146.9692, 262.0054

0.0000

197.6015,
182.9989, 315.8940

■ 19.1889, 15.1849,
43.5146

■ 19.1889, 15.1849,
43.5146

■ 16.0996, 11.4591,
42.9586

■ 22.9048, 19.7739,
44.2048

■ 13.5991, 8.5396,
42.5268

■ 27.2785, 25.2747,
45.0360

■ 11.6479, 6.3651,
42.2099

■ 32.3415, 31.7343,
46.0160

■ 10.2007, 4.8644,
41.9966

■ 38.1223, 39.1959,
47.1516

■ 9.2017, 3.9478,
41.8723

■ 44.6481, 47.7001,
48.4491

■ 8.8712, 3.6565,
41.8335

■ 51.9445, 57.2852,
49.9146

■ 60.0358, 67.9874,
51.5539

■ 68.9454, 79.8416,
53.3724

■ 78.5990, 92.6876,
55.3432

Harmonies

Analogous

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



14.8754, 15.1849, 50.8403



19.1889, 15.1849, 43.5146



22.6674, 15.1849, 28.9411

Triad

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



19.1889, 15.1849, 43.5146



18.2858, 15.1849, 3.4659



7.9094, 15.1849, 17.8207

Complementary

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



19.1889, 15.1849, 43.5146



31.9342, 39.5582, 17.0192

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.



8.4817, 15.1849, 8.3023



19.1889, 15.1849, 43.5146



13.9990, 15.1849, 2.6889

Square

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



19.1889, 15.1849, 43.5146



22.0804, 15.1849, 7.0034



10.5357, 15.1849, 3.9278



8.7929, 15.1849, 32.2144

Rectangle

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



19.1889, 15.1849, 43.5146



23.7534, 15.1849, 19.3566



10.5357, 15.1849, 3.9278



7.9385, 15.1849, 13.9997

Sweetspot

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



19.1895, 15.1855, 43.5150



59.4144, 58.7518, 82.7041



25.0040, 30.1494, 46.0968



12.4297, 12.1592, 17.8362



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.1895, 15.1855, 43.5150



28.7451, 20.4176, 76.9213



25.7136, 18.5487, 43.8203



8.2224, 8.3232, 10.6795



6.4735, 2.6730, 30.3117



0.2558, 0.1110, 0.9562

Inverse Universe

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



28.4862, 20.1819, 34.7418



47.7630, 30.6607, 57.9770



25.2509, 36.1128, 16.7064



8.7631, 8.6119, 10.2508



16.3542, 8.0592, 17.5570



0.5354, 0.2619, 0.6619

Previews

White Background



This preview shows how the XYZ color 19.1889, 15.1849, 43.5146 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 19.1889, 15.1849, 43.5146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

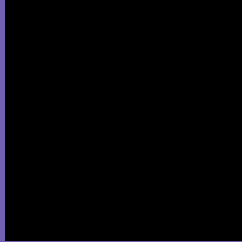
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1889, 15.1849, 43.5146

Background



This preview shows how black text looks on a background with the XYZ color 19.1889, 15.1849, 43.5146.



This preview shows how white text looks on a background with the XYZ color 19.1889, 15.1849,

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

19.1889, 15.1849, 43.5146

Protanopia

16.8410, 15.3091, 48.5217

Deuteranopia

15.7072, 15.3329, 42.1761



Tritanopia

14.2181, 15.0701, 19.2990

Trichromacy



Original Color

19.1889, 15.1849, 43.5146

Protanomaly

17.4184, 15.0455, 46.7858

Deuteranomaly

16.6187, 15.0220, 42.5811

Tritanomaly

15.6739, 14.8905, 26.4741

Monochromacy



Original Color

19.1889, 15.1849, 43.5146

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.2093, 15.5021, 25.0595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1889, 15.1849, 43.5146 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(115, 96, 177)` looks like.

```
.text, #text, p{  
    color:rgb(115, 96, 177)  
}
```

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(115, 96, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 96, 177) }
```

Border

The CSS property to change the border of an element to XYZ 19.1889, 15.1849, 43.5146 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(115, 96, 177) }
```


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

```
.border{ border-color:rgb(115, 96, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 96, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 96, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 96, 177);  
box-shadow:4px 4px 4px 4px rgb(115, 96,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1889, 15.1849, 43.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 96, 177) }
```

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

```
.background{ background-color: rgb(115, 96,  
177) }
```

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