

Converting Colors

XYZ(16.1366, 15.3210, 23.5366)

Have a look what the booklet for
XYZ(16.1366, 15.3210, 23.5366)
contains.

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Color

**XYZ(16.2185, 15.3867,
23.5878)**

Conversions

Conversions Part 1

Format	Color
Hex	736983
RGB	115, 105, 131
RGB Percent	45%, 41%, 51%
CMY	0.5490, 0.5882, 0.4863
CMYK	0.12, 0.20, 0.00, 0.49
HSL	263°, 11%, 46%
HSV	263°, 20%, 51%
XYZ	16.2185, 15.3867, 23.5878
YIQ	110.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

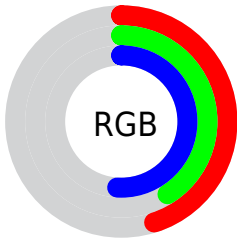
Format	Color
R_{YB}	115, 105, 131
Decimal	7563651
CIE Lab	46.16, 9.40, -12.95
CIE LCh	46, 15.999, 305.983
Yxy	15.3867, 0.2939, 0.2788
Android (android.graphics.Color)	4285753731 (0xFF736983)
YUV	110.9540, 9.8827, 3.5483
Hunter-Lab	39.2259, 5.1581, -8.1949

Details

The XYZ color **16.2185, 15.3867, 23.5878** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.5519, 21.3179, 16.5024**, and the grayscale version is **15.0692, 15.8540, 17.2650**.

A 20% lighter version of the original color is **36.4765, 35.4531, 50.2680**, and **5.3508, 4.8286, 8.6326** is the 20% darker color. If you saturate the color by 10%, you get **13.9715, 12.3982, 23.1296**, and if you desaturate by 10%, it is **18.7647, 18.8354, 24.1195**.

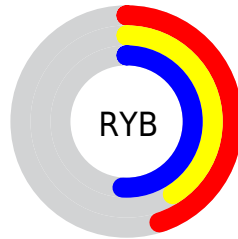
Distribution



Red (45%)

Green (41%)

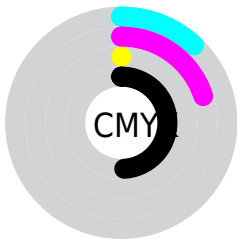
Blue (51%)



Red (45%)

Yellow (41%)

Blue (51%)

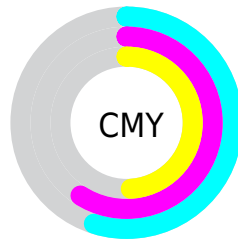


Cyan (12%)

Magenta (20%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (59%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2185, 15.3867, 23.5878 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 16.2185, 15.3867, 23.5878 by changing the saturation by 10% instead.

■ 16.2185, 15.3867,
23.5878

■ 16.2185, 15.3867,
23.5878

223.8727,
225.6950, 283.9490

■ 9.7707, 9.0912,
14.8188

■ 36.5315, 35.5302,
50.2921

■ 5.3083, 4.8007,
8.5471

■ 51.1275, 50.1469,
69.0644

■ 2.4659, 2.1308,
4.3542

■ 69.1702, 68.3062,
92.0082

■ 0.8781, 0.6819,
1.8216

■ 91.0250, 90.3925,
119.5421

■ 0.0000, 0.0000,
0.4421

117.0573,
116.7901, 152.0846

■ 0.0000, 0.0000,
0.0000

147.6325,

147.8835, 190.0542

183.1158,
184.0570, 233.8695

■ 16.2185, 15.3867,
23.5878

■ 16.2185, 15.3867,
23.5878

■ 13.9715, 12.3982,
23.1296

■ 18.7647, 18.8354,
24.1195

■ 12.0106, 9.8480,
22.7407

■ 21.6198, 22.7612,
24.7268

■ 10.3238, 7.7152,
22.4180

■ 24.7948, 27.1823,
25.4128

■ 8.8973, 5.9766,
22.1576

■ 28.2995, 32.1154,
26.1803

■ 7.7164, 4.6064,
21.9553

■ 32.1435, 37.5766,
27.0318

■ 6.7644, 3.5756,
21.8066

■ 36.3359, 43.5811,
27.9698

■ 6.0226, 2.8509,
21.7058

■ 40.8855, 50.1436,
28.9967

■ 5.4393, 2.3341,
21.6368

■ 45.8006, 57.2780,
30.1147

■ 5.4309, 2.3265,
21.6357

■ 51.0896, 64.9981,
31.3261

Harmonies

Analogous

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



14.8994, 15.3867, 25.3784



16.2185, 15.3867, 23.5878



17.1505, 15.3867, 19.9966

Triad

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



16.2185, 15.3867, 23.5878



15.7170, 15.3867, 10.7921



12.1707, 15.3867, 17.5478

Complementary

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



16.2185, 15.3867, 23.5878



18.5519, 21.3179, 16.5024

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.



12.3597, 15.3867, 13.8815



16.2185, 15.3867, 23.5878



14.3532, 15.3867, 10.3444

Square

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



16.2185, 15.3867, 23.5878



16.8486, 15.3867, 12.7205



13.1387, 15.3867, 11.3860



12.6054, 15.3867, 21.5598

Rectangle

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



16.2185, 15.3867, 23.5878



17.3968, 15.3867, 17.2846



13.1387, 15.3867, 11.3860



12.1638, 15.3867, 16.2334

Sweetspot

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



16.2190, 15.3873, 23.5881



35.4331, 36.2346, 43.5796



16.7644, 18.3253, 24.1265



8.1873, 8.3508, 10.1330



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.2190, 15.3873, 23.5881



27.0843, 24.9346, 41.8385



18.0458, 16.3291, 23.6736



4.5913, 4.6254, 5.8516



5.3487, 2.2915, 21.2971



0.0262, 0.0119, 0.0741

Inverse Universe

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



17.8634, 16.3096, 20.2966



30.6473, 26.9347, 34.6297



16.8550, 20.4431, 16.4230



4.7840, 4.7333, 5.4748



10.6629, 5.3295, 8.0633



0.0405, 0.0199, 0.0468

Previews

White Background



This preview shows how the XYZ color 16.2185, 15.3867, 23.5878 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 16.2185, 15.3867, 23.5878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

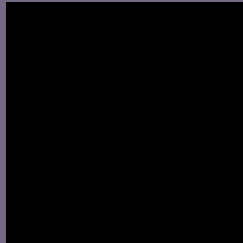
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2185, 15.3867, 23.5878

Background



This preview shows how black text looks on a background with the XYZ color 16.2185, 15.3867, 23.5878.



This preview shows how white text looks on a background with the XYZ color 16.2185, 15.3867,

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

16.2185, 15.3867, 23.5878

Protanopia

15.3051, 15.3616, 24.3487

Deuteranopia

15.7848, 15.4691, 23.6266



Tritanopia

15.3250, 15.4968, 18.7065

Trichromacy



Original Color

16.2185, 15.3867, 23.5878

Protanomaly

15.6069, 15.3695, 23.9738

Deuteranomaly

15.9329, 15.3915, 23.6038

Tritanomaly

15.6483, 15.4733, 20.2510

Monochromacy



Original Color

16.2185, 15.3867, 23.5878

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4207, 15.6900, 19.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2185, 15.3867, 23.5878 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, 105, 131)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 131)  
}
```

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, 105, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.2185, 15.3867, 23.5878 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, 105, 131) }
```


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

```
.border{ border-color:rgb(115, 105, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 105, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 105, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 105, 131);  
box-shadow:4px 4px 4px 4px rgb(115, 105,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2185, 15.3867, 23.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 105, 131) }
```

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

```
.background{ background-color: rgb(115,  
105, 131) }
```

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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