

Converting Colors

XYZ(16.1567, 15.2812, 23.8284)

Have a look what the booklet for
XYZ(16.1567, 15.2812, 23.8284)
contains.

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Color

**XYZ(16.2867, 15.4139,
23.9466)**

Conversions

Conversions Part 1

Format	Color
Hex	736984
RGB	115, 105, 132
RGB Percent	45%, 41%, 52%
CMY	0.5490, 0.5882, 0.4823
CMYK	0.13, 0.20, 0.00, 0.48
HSL	262°, 11%, 46%
HSV	262°, 20%, 52%
XYZ	16.2867, 15.4139, 23.9466
YIQ	111.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

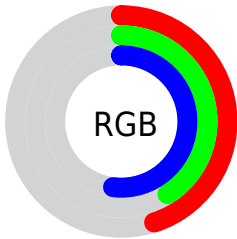
Format	Color
R_{YB}	115, 105, 132
Decimal	7563652
CIE _{Lab}	46.20, 9.63, -13.49
CIE _{LCh}	46, 16.574, 305.525
Yxy	15.4139, 0.2927, 0.2770
Android (android.graphics.Color)	4285753732 (0xFF736984)
YUV	111.0680, 10.3195, 3.4484
Hunter-Lab	39.2605, 5.3423, -8.6810

Details

The XYZ color **16.2867, 15.4139, 23.9466** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.8275, 21.6604, 16.5538**, and the grayscale version is **15.1011, 15.8875, 17.3015**.

A 20% lighter version of the original color is **36.5818, 35.4952, 50.8221**, and **5.3508, 4.8286, 8.6326** is the 20% darker color. If you saturate the color by 10%, you get **14.0012, 12.3927, 23.4841**, and if you desaturate by 10%, it is **18.8804, 18.9046, 24.4839**.

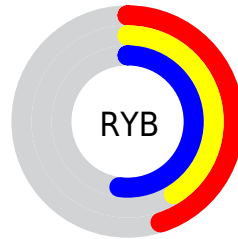
Distribution



Red (45%)

Green (41%)

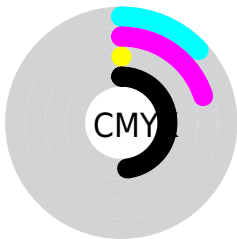
Blue (52%)



Red (45%)

Yellow (41%)

Blue (52%)

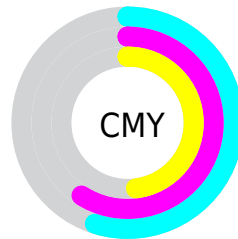


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (59%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2867, 15.4139, 23.9466 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 16.2867, 15.4139, 23.9466 by changing the saturation by 10% instead.

■ 16.2867, 15.4139,
23.9466

■ 16.2867, 15.4139,
23.9466

224.2649,
225.8580, 285.8283

■ 9.8194, 9.1104,
15.0822

■ 36.6487, 35.5777,
50.8858

■ 5.3407, 4.8133,
8.7298

■ 51.2740, 50.2067,
69.7976

■ 2.4853, 2.1381,
4.4710

■ 69.3494, 68.3797,
92.8957

■ 0.8879, 0.6859,
1.8871

■ 91.2403, 90.4811,
120.5985

■ 0.0000, 0.0000,
0.4845

117.3119,
116.8952, 153.3246

■ 0.0000, 0.0000,
0.0000

147.9296,

148.0064, 191.4926

183.4588,
184.1992, 235.5210

■ 16.2867, 15.4139,
23.9466

■ 16.2867, 15.4139,
23.9466

■ 14.0012, 12.3927,
23.4841

■ 18.8804, 18.9046,
24.4839

■ 12.0103, 9.8185,
23.0922

■ 21.7924, 22.8822,
25.0982

■ 10.3015, 7.6700,
22.7676

■ 25.0340, 27.3653,
25.7927

■ 8.8605, 5.9230,
22.5063

■ 28.6155, 32.3713,
26.5702

■ 7.6721, 4.5511,
22.3041

■ 32.5468, 37.9165,
27.4333

6.7188, 3.5244,
22.1562

36.8373, 44.0165,
28.3846

5.9811, 2.8084,
22.0569

41.4962, 50.6864,
29.4264

5.4262, 2.3162,
21.9911

46.5321, 57.9407,
30.5612

51.9535, 65.7931,
31.7912

Harmonies

Analogous

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



14.9136, 15.4139, 25.7816



16.2867, 15.4139, 23.9466



17.2653, 15.4139, 20.2180

Triad

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



16.2867, 15.4139, 23.9466



15.8053, 15.4139, 10.6501



12.1089, 15.4139, 17.5435

Complementary

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



16.2867, 15.4139, 23.9466



18.8275, 21.6604, 16.5538

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.



12.3139, 15.4139, 13.7611



16.2867, 15.4139, 23.9466



14.3904, 15.4139, 10.1679

Square

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



16.2867, 15.4139, 23.9466



16.9750, 15.4139, 12.6553



13.1276, 15.4139, 11.2130



12.5484, 15.4139, 21.7231

Rectangle

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



16.2867, 15.4139, 23.9466



17.5298, 15.4139, 17.3977



13.1276, 15.4139, 11.2130



12.1051, 15.4139, 16.1832

Sweetspot

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



16.2872, 15.4145, 23.9469



35.4029, 36.2190, 43.5782



16.9629, 18.6133, 24.5288



8.1797, 8.3469, 10.1327



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.



16.2872, 15.4145, 23.9469



26.5676, 24.3342, 41.7499



18.1792, 16.3899, 24.0355



4.5854, 4.6223, 5.8513



5.2594, 2.2455, 21.2929



0.0258, 0.0117, 0.0741

Inverse Universe

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



18.0806, 16.4144, 20.6281



30.4180, 26.4829, 34.5323



17.0591, 20.7487, 16.4710



4.7867, 4.7343, 5.4888



10.7322, 5.3572, 8.4278



0.0407, 0.0200, 0.0478

Previews

White Background



This preview shows how the XYZ color 16.2867, 15.4139, 23.9466 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 16.2867, 15.4139, 23.9466 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 16.2867, 15.4139, 23.9466

Background



This preview shows how black text looks on a background with the XYZ color 16.2867, 15.4139, 23.9466.



This preview shows how white text looks on a background with the XYZ color 16.2867, 15.4139,

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

16.2867, 15.4139, 23.9466

Protanopia

15.3746, 15.3894, 24.7144

Deuteranopia

15.7292, 15.4325, 23.9796



Tritanopia

15.1970, 15.4308, 18.7005

Trichromacy



Original Color

16.2867, 15.4139, 23.9466

Protanomaly

15.6757, 15.3970, 24.3360

Deuteranomaly

15.8744, 15.3535, 23.9566

Tritanomaly

15.5806, 15.4312, 20.5697

Monochromacy



Original Color

16.2867, 15.4139, 23.9466

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4805, 15.7139, 19.6699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2867, 15.4139, 23.9466 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 132) }
```

Border

The CSS property to change the border of an element to XYZ 16.2867, 15.4139, 23.9466 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, 132) }
```


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

```
.border{ border-color:rgb(115, 105, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 105, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 105, 132);  
box-shadow:4px 4px 4px 4px rgb(115, 105,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2867, 15.4139, 23.9466 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, 132) }
```

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

```
.background{ background-color: rgb(115,  
105, 132) }
```

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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