

Converting Colors

XYZ(16.2999, 13.5476, 23.4938)

Have a look what the booklet for
XYZ(16.2999, 13.5476, 23.4938)
contains.

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Color

**XYZ(16.3042, 13.6053,
23.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5C84
RGB	124, 92, 132
RGB Percent	49%, 36%, 52%
CMY	0.5137, 0.6392, 0.4824
CMYK	0.06, 0.30, 0.00, 0.48
HSL	288°, 18%, 44%
HSV	288°, 30%, 52%
XYZ	16.3042, 13.6053, 23.5966
YIQ	106.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

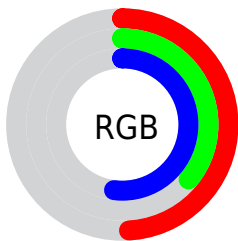
Format	Color
R_{YB}	124, 92, 132
Decimal	8150148
CIE _{Lab}	43.66, 20.65, -17.27
CIE _{LCh}	44, 26.922, 320.103
Yxy	13.6053, 0.3047, 0.2543
Android (android.graphics.Color)	4286340228 (0xFF7C5C84)
YUV	106.1280, 12.7549, 15.6737
Hunter-Lab	36.8854, 14.3518, -12.1097

Details

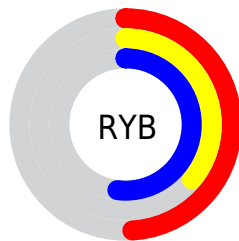
The XYZ color **16.3042, 13.6053, 23.5966** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.4390, 19.9849, 13.1696**, and the grayscale version is **13.7000, 14.4134, 15.6962**.

A 20% lighter version of the original color is **36.7109, 32.4948, 50.2362**, and **5.2854, 3.9418, 8.4649** is the 20% darker color. If you saturate the color by 10%, you get **14.8826, 11.3206, 23.2307**, and if you desaturate by 10%, it is **17.9362, 16.2950, 24.0299**.

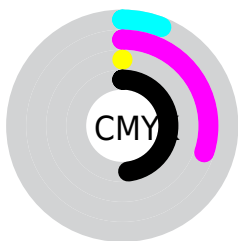
Distribution



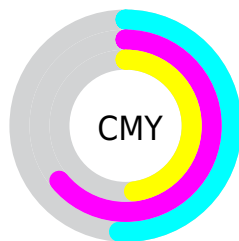
- Red (49%)
- Green (36%)
- Blue (52%)



- Red (49%)
- Yellow (36%)
- Blue (52%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3042, 13.6053, 23.5966 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 16.3042, 13.6053, 23.5966 by changing the saturation by 10% instead.

■ 16.3042, 13.6053,
23.5966

■ 16.3042, 13.6053,
23.5966

224.3654,
214.7614, 283.9952

■ 9.8319, 7.8467,
14.8252

■ 36.6787, 32.3870,
50.3067

■ 5.3490, 3.9970,
8.5516

■ 51.3116, 46.1789,
69.0824

■ 2.4903, 1.6719,
4.3571

■ 69.3954, 63.4173,
92.0300

■ 0.8904, 0.4053,
1.8232

■ 91.2955, 84.4867,
119.5681

■ 0.0000, 0.0000,
0.4432

117.3771,
109.7714, 152.1151

■ 0.0000, 0.0000,
0.0000

148.0058,

139.6558, 190.0896

183.5467,
174.5243, 233.9101

■ 16.3042, 13.6053,
23.5966

■ 16.3042, 13.6053,
23.5966

■ 14.8826, 11.3206,
23.2307

■ 17.9362, 16.2950,
24.0299

■ 13.6595, 9.4183,
22.9280

■ 19.7869, 19.4071,
24.5331

■ 12.6242, 7.8766,
22.6850

■ 21.8658, 22.9601,
25.1093

■ 11.7641, 6.6704,
22.4975

■ 24.1814, 26.9711,
25.7615

■ 11.0649, 5.7715,
22.3609

■ 26.7418, 31.4561,
26.4922

■ 10.5103, 5.1471,
22.2696

■ 29.5546, 36.4302,
27.3041

■ 10.0615, 4.7057,
22.2080

■ 32.6273, 41.9081,
28.1995

■ 35.9668, 47.9037,
29.1807

■ 39.5798, 54.4304,
30.2501

Harmonies

Analogous

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



14.3782, 13.6053, 28.6408



16.3042, 13.6053, 23.5966



17.3591, 13.6053, 16.9042

Triad

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



16.3042, 13.6053, 23.5966



13.6421, 13.6053, 6.0560



9.4802, 13.6053, 19.1821

Complementary

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



16.3042, 13.6053, 23.5966



15.4390, 19.9849, 13.1696

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.



9.3290, 13.6053, 12.9033



16.3042, 13.6053, 23.5966



11.5851, 13.6053, 6.3558

Square

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



16.3042, 13.6053, 23.5966



15.7152, 13.6053, 7.5622



10.0592, 13.6053, 8.5358



10.4975, 13.6053, 25.6490

Rectangle

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



16.3042, 13.6053, 23.5966



17.3560, 13.6053, 12.8657



10.0592, 13.6053, 8.5358



9.3311, 13.6053, 16.9493

Sweetspot

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



16.3046, 13.6059, 23.5969



35.2372, 34.8353, 43.3198



13.1362, 13.0562, 23.6578



8.1009, 7.9354, 10.0574



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.



16.3046, 13.6059, 23.5969



27.0506, 21.2703, 41.1330



16.7334, 13.9164, 19.5739



4.7691, 4.7171, 5.8599



9.7462, 4.5585, 21.5029



0.0395, 0.0188, 0.0748

Inverse Universe

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



15.6436, 13.4805, 13.8346



25.7582, 21.0483, 21.0023



15.1640, 19.7777, 16.1155



4.7079, 4.7028, 5.0739



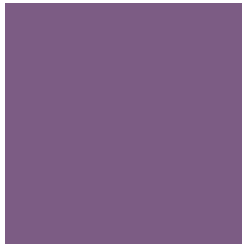
9.4002, 4.8244, 1.4136



0.0347, 0.0176, 0.0162

Previews

White Background



This preview shows how the XYZ color 16.3042, 13.6053, 23.5966 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 16.3042, 13.6053, 23.5966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

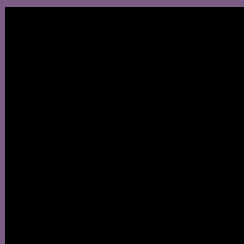
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3042, 13.6053, 23.5966

Background



This preview shows how black text looks on a background with the XYZ color 16.3042, 13.6053, 23.5966.



This preview shows how white text looks on a background with the XYZ color 16.3042, 13.6053,

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

16.3042, 13.6053, 23.5966

Protanopia

13.9258, 13.6940, 26.3353

Deuteranopia

13.9385, 13.6284, 23.0150



Tritanopia

14.5702, 13.5624, 15.2145

Trichromacy



Original Color

16.3042, 13.6053, 23.5966

Protanomaly

14.5205, 13.4560, 25.1245

Deuteranomaly

14.7711, 13.6253, 23.3241

Tritanomaly

15.0719, 13.4872, 18.0286

Monochromacy



Original Color

16.3042, 13.6053, 23.5966

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.5582, 14.0559, 18.1654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3042, 13.6053, 23.5966 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(124, 92, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 92, 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(124, 92, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 92, 132) }
```

Border

The CSS property to change the border of an element to XYZ 16.3042, 13.6053, 23.5966 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(124, 92, 132) }
```


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

```
.border{ border-color:rgb(124, 92, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 92, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 92, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 92, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 92,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3042, 13.6053, 23.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 92, 132) }
```

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

```
.background{ background-color: rgb(124, 92,  
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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