

Converting Colors

XYZ(16.3669, 14.8863, 25.4821)

Have a look what the booklet for
XYZ(16.3669, 14.8863, 25.4821)
contains.

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Color

**XYZ(16.3001, 14.7979,
25.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	746588
RGB	116, 101, 136
RGB Percent	45%, 40%, 53%
CMY	0.5451, 0.6039, 0.4667
CMYK	0.15, 0.26, 0.00, 0.47
HSL	266°, 15%, 46%
HSV	266°, 26%, 53%
XYZ	16.3001, 14.7979, 25.2897
YIQ	109.4750, -2.2950, 14.0650

Conversions

Conversions Part 2

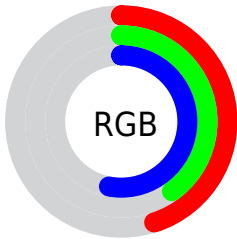
Format	Color
R_{YB}	116, 101, 136
Decimal	7628168
CIE _{Lab}	45.36, 13.33, -17.15
CIE _{LCh}	45, 21.721, 307.844
Yxy	14.7979, 0.2891, 0.2624
Android (android.graphics.Color)	4285818248 (0xFF746588)
YUV	109.4750, 13.0768, 5.7224
Hunter-Lab	38.4680, 8.3169, -12.0509

Details

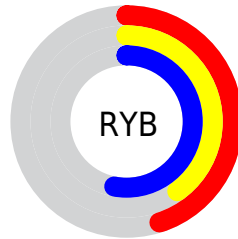
The XYZ color **16.3001, 14.7979, 25.2897** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.0386, 22.6131, 15.6738**, and the grayscale version is **14.6356, 15.3978, 16.7682**.

A 20% lighter version of the original color is **36.5620, 34.4554, 52.8676**, and **5.3136, 4.5035, 9.3933** is the 20% darker color. If you saturate the color by 10%, you get **14.0972, 11.8619, 24.8393**, and if you desaturate by 10%, it is **18.8089, 18.2168, 25.8176**.

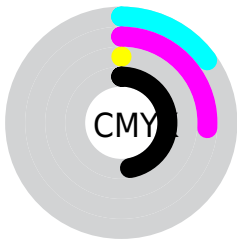
Distribution



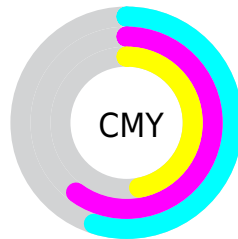
- Red (45%)
- Green (40%)
- Blue (53%)



- Red (45%)
- Yellow (40%)
- Blue (53%)



- Cyan (15%)
- Magenta (26%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3001, 14.7979, 25.2897 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 16.3001, 14.7979, 25.2897 by changing the saturation by 10% instead.

■ 16.3001, 14.7979,
25.2897

■ 16.3001, 14.7979,
25.2897

224.3418,
222.1397, 292.7713

■ 9.8290, 8.6777,
16.0720

■ 36.6717, 34.4982,
53.0967

■ 5.3471, 4.5315,
9.4202

■ 51.3028, 48.8472,
72.5232

■ 2.4892, 1.9751,
4.9158

■ 69.3846, 66.7077,
96.1897

■ 0.8898, 0.5930,
2.1400

■ 91.2825, 88.4644,
124.5148

■ 0.0000, 0.0000,
0.6395

117.3618,
114.5015, 157.9169

■ 0.0000, 0.0000,
0.0000

147.9879,

145.2035, 196.8147

183.5261,
180.9548, 241.6266

■ 16.3001, 14.7979,
25.2897

■ 16.3001, 14.7979,
25.2897

■ 14.0972, 11.8619,
24.8393

■ 18.8089, 18.2168,
25.8176

■ 12.1860, 9.3843,
24.4619

■ 21.6342, 22.1377,
26.4255

■ 10.5531, 7.3414,
24.1536

■ 24.7879, 26.5810,
27.1170

■ 9.1834, 5.7063,
23.9102

■ 28.2807, 31.5656,
27.8950

■ 8.0602, 4.4492,
23.7267

■ 32.1228, 37.1090,
28.7625

7.1645, 3.5360,
23.5977

36.3242, 43.2284,
29.7222

6.4687, 2.9149,
23.5144

40.8941, 49.9398,
30.7768

6.2056, 2.6858,
23.4841

45.8416, 57.2588,
31.9287

51.1755, 65.2005,
33.1805

Harmonies

Analogous

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



14.5433, 14.7979, 28.0803



16.3001, 14.7979, 25.2897



17.5250, 14.7979, 20.1528

Triad

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



16.3001, 14.7979, 25.2897



15.4128, 14.7979, 8.5574



10.9036, 14.7979, 17.5053

Complementary

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



16.3001, 14.7979, 25.2897



19.0386, 22.6131, 15.6738

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.



11.0932, 14.7979, 12.6517



16.3001, 14.7979, 25.2897



13.5973, 14.7979, 8.1445

Square

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



16.3001, 14.7979, 25.2897



16.9830, 14.7979, 10.7580



12.0441, 14.7979, 9.4768



11.5019, 14.7979, 23.0010

Rectangle

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



16.3001, 14.7979, 25.2897



17.8201, 14.7979, 16.4886



12.0441, 14.7979, 9.4768



10.8783, 14.7979, 15.7419

Sweetspot

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



16.3006, 14.7985, 25.2900



36.8583, 37.2435, 46.2944



16.6993, 18.3210, 25.9489



8.3758, 8.4023, 10.6867



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.3006, 14.7985, 25.2900



26.3570, 22.9061, 44.0805



18.7840, 16.0788, 25.4063



4.9646, 4.9902, 6.3074



5.8837, 2.5473, 22.2273



0.0553, 0.0253, 0.1484

Inverse Universe

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



18.2586, 15.9226, 20.2005



30.4945, 25.2836, 33.2255



16.8528, 21.4863, 15.5715



5.1447, 5.0933, 5.8506



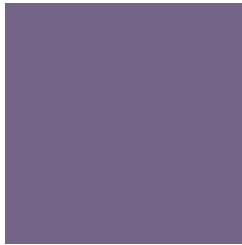
10.9064, 5.4727, 7.2772



0.0798, 0.0393, 0.0871

Previews

White Background



This preview shows how the XYZ color 16.3001, 14.7979, 25.2897 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 16.3001, 14.7979, 25.2897 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 16.3001, 14.7979, 25.2897

Background



This preview shows how black text looks on a background with the XYZ color 16.3001, 14.7979, 25.2897.



This preview shows how white text looks on a background with the XYZ color 16.3001, 14.7979,

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

16.3001, 14.7979, 25.2897

Protanopia

15.0332, 14.8542, 26.8857

Deuteranopia

15.1337, 14.7955, 24.9799



Tritanopia

14.7143, 14.7401, 17.6924

Trichromacy



Original Color

16.3001, 14.7979, 25.2897

Protanomaly

15.4362, 14.7680, 26.4630

Deuteranomaly

15.5078, 14.8380, 24.9683

Tritanomaly

15.2116, 14.7918, 20.1425

Monochromacy



Original Color

16.3001, 14.7979, 25.2897

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1659, 15.0847, 19.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3001, 14.7979, 25.2897 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(116, 101, 136)` looks like.

```
.text, #text, p{  
    color:rgb(116, 101, 136)  
}
```

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(116, 101, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 101, 136) }
```

Border

The CSS property to change the border of an element to XYZ 16.3001, 14.7979, 25.2897 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(116, 101, 136) }
```


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

```
.border{ border-color:rgb(116, 101, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 101, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 101, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 101, 136);  
box-shadow:4px 4px 4px 4px rgb(116, 101,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3001, 14.7979, 25.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 101, 136) }
```

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

```
.background{ background-color: rgb(116,  
101, 136) }
```

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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