

Converting Colors

XYZ(16.2305, 15.6986, 25.1398)

Have a look what the booklet for
XYZ(16.2305, 15.6986, 25.1398)
contains.

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Color

**XYZ(16.1864, 15.6442,
25.0882)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6B87
RGB	111, 107, 135
RGB Percent	44%, 42%, 53%
CMY	0.5647, 0.5804, 0.4706
CMYK	0.18, 0.21, 0.00, 0.47
HSL	249°, 12%, 47%
HSV	249°, 21%, 53%
XYZ	16.1864, 15.6442, 25.0882
YIQ	111.3880, -6.6040, 9.5560

Conversions

Conversions Part 2

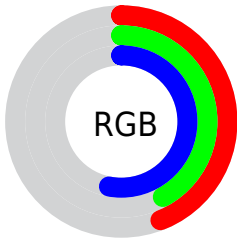
Format	Color
R_{YB}	111, 107, 135
Decimal	7302023
CIE Lab	46.50, 7.73, -14.85
CIE LCh	47, 16.738, 297.506
Yxy	15.6442, 0.2844, 0.2749
Android (android.graphics.Color)	4285492103 (0xFF6F6B87)
YUV	111.3880, 11.6407, -0.3403
Hunter-Lab	39.5527, 3.8313, -9.9206

Details

The XYZ color **16.1864, 15.6442, 25.0882** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.6785, 23.2152, 17.3018**, and the grayscale version is **15.1912, 15.9823, 17.4047**.

A 20% lighter version of the original color is **36.4082, 35.8711, 52.5818**, and **5.3055, 4.9444, 9.2691** is the 20% darker color. If you saturate the color by 10%, you get **13.5244, 12.3434, 24.5916**, and if you desaturate by 10%, it is **19.2578, 19.4831, 25.6675**.

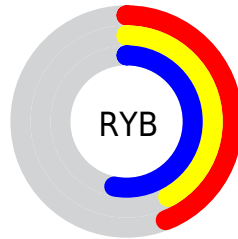
Distribution



Red (44%)

Green (42%)

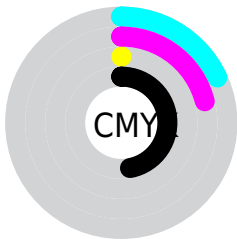
Blue (53%)



Red (44%)

Yellow (42%)

Blue (53%)

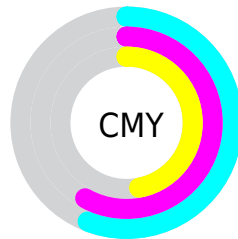


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1864, 15.6442, 25.0882 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 16.1864, 15.6442, 25.0882 by changing the saturation by 10% instead.

■ 16.1864, 15.6442,
25.0882

■ 16.1864, 15.6442,
25.0882

223.6880,
227.2330, 291.7386

■ 9.7478, 9.2727,
15.9232

■ 36.4763, 35.9794,
52.7662

■ 5.2931, 4.9195,
9.3160

■ 51.0584, 50.7119,
72.1162

■ 2.4567, 2.2001,
4.8483

■ 69.0857, 69.0003,
95.6983

■ 0.8735, 0.7201,
2.1013

■ 90.9236, 91.2288,
123.9309

■ 0.0000, 0.0000,
0.6166

116.9374,
117.7820, 157.2328

■ 0.0000, 0.0000,
0.0000

147.4925,

149.0441, 196.0223

182.9542,
185.3996, 240.7181

■ 16.1864, 15.6442,
25.0882

■ 16.1864, 15.6442,
25.0882

■ 13.5244, 12.3434,
24.5916

■ 19.2578, 19.4831,
25.6675

■ 11.2530, 9.5547,
24.1731

■ 22.7534, 23.8806,
26.3321

■ 9.3541, 7.2529,
23.8289

■ 26.6893, 28.8587,
27.0855

■ 7.8074, 5.4097,
23.5546

■ 31.0799, 34.4374,
27.9309

■ 6.5909, 3.9942,
23.3455

■ 35.9393, 40.6359,
28.8713

■ 5.6799, 2.9714,
23.1961

■ 41.2808, 47.4726,
29.9093

■ 5.0462, 2.3005,
23.1000

■ 47.1172, 54.9649,
31.0479

■ 4.6473, 1.8906,
23.0419

■ 53.4610, 63.1298,
32.2895

■ 60.3240, 71.9834,
33.6367

Harmonies

Analogous

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



14.7491, 15.6442, 26.2576



16.1864, 15.6442, 25.0882



17.3315, 15.6442, 21.6634

Triad

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



16.1864, 15.6442, 25.0882



16.4084, 15.6442, 11.1780



12.2688, 15.6442, 16.6909

Complementary

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



16.1864, 15.6442, 25.0882



20.6785, 23.2152, 17.3018

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.



12.6521, 15.6442, 13.1159



16.1864, 15.6442, 25.0882



14.9902, 15.6442, 10.2711

Square

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



16.1864, 15.6442, 25.0882



17.4654, 15.6442, 13.6248



13.6257, 15.6442, 10.9192



12.5442, 15.6442, 20.9689

Rectangle

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



16.1864, 15.6442, 25.0882



17.7426, 15.6442, 18.8093



13.6257, 15.6442, 10.9192



12.3243, 15.6442, 15.3739

Sweetspot

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



16.1869, 15.6448, 25.0886



37.2730, 38.3895, 46.4938



18.5893, 21.1799, 26.0303



8.5539, 8.7923, 10.7526



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.



16.1869, 15.6448, 25.0886



26.5994, 25.0491, 44.4814



18.0500, 16.6053, 25.1757



4.4918, 4.5741, 5.8469



4.2929, 1.7472, 21.2477



0.0185, 0.0079, 0.0738

Inverse Universe

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



19.3467, 17.3057, 23.7943



33.3637, 28.6064, 41.6291



18.6903, 22.1903, 17.2088



4.8301, 4.7517, 5.7174



12.1092, 5.9080, 15.6795



0.0439, 0.0212, 0.0646

Previews

White Background



This preview shows how the XYZ color 16.1864, 15.6442, 25.0882 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 16.1864, 15.6442, 25.0882 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 16.1864, 15.6442, 25.0882

Background



This preview shows how black text looks on a background with the XYZ color 16.1864, 15.6442, 25.0882.



This preview shows how white text looks on a background with the XYZ color 16.1864, 15.6442,

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

16.1864, 15.6442, 25.0882

Protanopia

15.6215, 15.6579, 25.4915

Deuteranopia

15.9201, 15.6625, 25.1058



Tritanopia

15.0900, 15.6719, 19.6824

Trichromacy



Original Color

16.1864, 15.6442, 25.0882

Protanomaly

15.8699, 15.6285, 25.4727

Deuteranomaly

16.0424, 15.7256, 25.1115

Tritanomaly

15.4770, 15.6692, 21.6108

Monochromacy



Original Color

16.1864, 15.6442, 25.0882

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.5216, 15.8874, 20.0178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1864, 15.6442, 25.0882 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(111, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(111, 107, 135)  
}
```

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(111, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 107, 135) }
```

Border

The CSS property to change the border of an element to XYZ 16.1864, 15.6442, 25.0882 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(111, 107, 135) }
```


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

```
.border{ border-color:rgb(111, 107, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(111, 107,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1864, 15.6442, 25.0882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 107, 135) }
```

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

```
.background{ background-color: rgb(111,  
107, 135) }
```

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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