

Converting Colors

XYZ(15.0965, 12.5287, 18.3954)

Have a look what the booklet for
XYZ(15.0965, 12.5287, 18.3954)
contains.

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Color

**XYZ(15.0765, 12.4607,
18.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5775
RGB	125, 87, 117
RGB Percent	49%, 34%, 46%
CMY	0.5098, 0.6588, 0.5412
CMYK	0.00, 0.30, 0.06, 0.51
HSL	313°, 18%, 42%
HSV	313°, 30%, 49%
XYZ	15.0765, 12.4607, 18.4402
YIQ	101.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

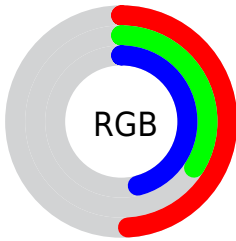
Format	Color
R_{YB}	125, 87, 117
Decimal	8214389
CIE _{Lab}	41.94, 20.92, -10.76
CIE _{LCh}	42, 23.526, 332.787
Yxy	12.4607, 0.3279, 0.2710
Android (android.graphics.Color)	4286404469 (0xFF7D5775)
YUV	101.7820, 7.5025, 20.3622
Hunter-Lab	35.2997, 14.4628, -6.2627

Details

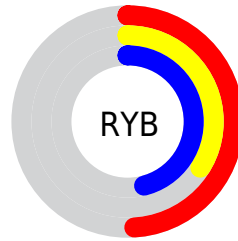
The XYZ color **15.0765, 12.4607, 18.4402** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.3301, 17.5200, 13.5063**, and the grayscale version is **12.5514, 13.2051, 14.3803**.

A 20% lighter version of the original color is **34.4672, 30.2209, 41.5527**, and **4.7688, 3.5114, 6.0567** is the 20% darker color. If you saturate the color by 10%, you get **13.9983, 10.5483, 17.3282**, and if you desaturate by 10%, it is **16.3351, 14.7265, 19.6341**.

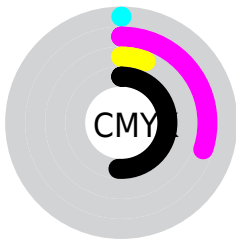
Distribution



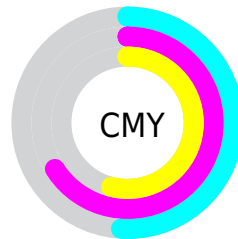
- Red (49%)
- Green (34%)
- Blue (46%)



- Red (49%)
- Yellow (34%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0765, 12.4607, 18.4402 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 15.0765, 12.4607, 18.4402 by changing the saturation by 10% instead.

15.0765, 12.4607,
18.4402

15.0765, 12.4607,
18.4402

217.2080,
207.4318, 255.6596

8.9598, 7.0583,
11.0938

34.5579, 30.3314,
41.6100

4.7718, 3.4986,
6.0150

48.6532, 43.5685,
58.2705

2.1474, 1.3972,
2.7853

66.1388, 60.1859,
78.8728

0.7148, 0.2147,
0.9861

87.3800, 80.5681,
103.8353

0.0000, 0.0000,
0.0000

112.7422,
105.0994, 133.5768

142.5907,

134.1641, 168.5156

177.2908,
168.1468, 209.0703

■ 15.0765, 12.4607,
18.4402

■ 15.0765, 12.4607,
18.4402

■ 13.9983, 10.5483,
17.3282

■ 16.3351, 14.7265,
19.6341

■ 13.0903, 8.9696,
16.2940

■ 17.7813, 17.3607,
20.9120

■ 12.3430, 7.7053,
15.3346

■ 19.4234, 20.3798,
22.2771

■ 11.7454, 6.7338,
14.4460

■ 21.2689, 23.7983,
23.7319

■ 11.2853, 6.0305,
13.6239

■ 23.3247, 27.6305,
25.2790

■ 10.9483, 5.5667,
12.8635

■ 25.5976, 31.8895,
26.9208

■ 10.6945, 5.2548,
12.1758

■ 28.0940, 36.5882,
28.6595

■ 30.8199, 41.7386,
30.4973

■ 33.7813, 47.3527,
32.4364

Harmonies

Analogous

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



13.7501, 12.4607, 23.3271



15.0765, 12.4607, 18.4402



15.5111, 12.4607, 13.1067

Triad

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



15.0765, 12.4607, 18.4402



11.6815, 12.4607, 6.0687



9.2466, 12.4607, 19.4487

Complementary

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



15.0765, 12.4607, 18.4402



13.3301, 17.5200, 13.5063

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.



8.8051, 12.4607, 14.0391



15.0765, 12.4607, 18.4402



10.1219, 12.4607, 6.9991

Square

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



15.0765, 12.4607, 18.4402



13.4410, 12.4607, 6.7035



9.1093, 12.4607, 9.6392



10.3779, 12.4607, 24.0026

Rectangle

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



15.0765, 12.4607, 18.4402



15.2052, 12.4607, 10.1832



9.1093, 12.4607, 9.6392



9.0179, 12.4607, 17.6293

Sweetspot

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



15.0769, 12.4613, 18.4405



32.1702, 31.6903, 37.7284



11.7883, 10.7092, 20.8480



7.2402, 7.0667, 8.5158



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.0769, 12.4613, 18.4405



25.7129, 20.0276, 31.7166



14.0896, 12.0663, 13.2415



4.4606, 4.3974, 5.2300



11.1592, 5.4834, 12.6942



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0769, 12.4613, 18.4405



25.7129, 20.0276, 31.7166



14.2790, 17.8996, 18.5032



4.4606, 4.3974, 5.2300



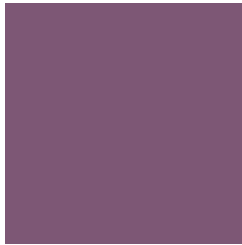
11.1592, 5.4834, 12.6942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0765, 12.4607, 18.4402 looks on a white background.

Color Contrast Check

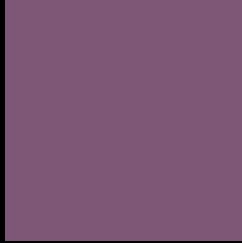
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0765, 12.4607, 18.4402 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 15.0765, 12.4607, 18.4402

Background



This preview shows how black text looks on a background with the XYZ color 15.0765, 12.4607, 18.4402.



This preview shows how white text looks on a background with the XYZ color 15.0765, 12.4607,

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

15.0765, 12.4607, 18.4402

Protanopia

12.5836, 12.5432, 21.1599

Deuteranopia

12.7360, 12.5539, 17.9715



Tritanopia

14.1141, 12.5750, 13.2386

Trichromacy



Original Color

15.0765, 12.4607, 18.4402

Protanomaly

13.3413, 12.4138, 20.1053

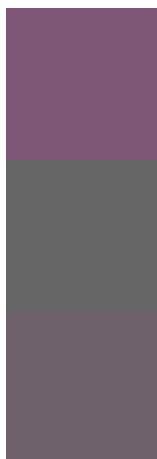
Deuteranomaly

13.4971, 12.4047, 18.2060

Tritanomaly

14.5181, 12.6173, 15.0348

Monochromacy



Original Color

15.0765, 12.4607, 18.4402

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.3589, 12.9259, 15.7008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0765, 12.4607, 18.4402 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(125, 87, 117)` looks like.

```
.text, #text, p{  
    color:rgb(125, 87, 117)  
}
```

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(125, 87, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 87, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.0765, 12.4607, 18.4402 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(125, 87, 117) }
```


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

```
.border{ border-color:rgb(125, 87, 117) }
```

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

Here you see how a box with a 4 pixel rgb(125, 87, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 87, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 87, 117);  
box-shadow:4px 4px 4px 4px rgb(125, 87,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0765, 12.4607, 18.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 87, 117) }
```

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

```
.background{ background-color: rgb(125, 87,  
117) }
```

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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