

Converting Colors

XYZ(15.8135, 14.5767, 28.2904)

Have a look what the booklet for
XYZ(15.8135, 14.5767, 28.2904)
contains.

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Color

**XYZ(15.8488, 14.6422,
28.3765)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6690
RGB	107, 102, 144
RGB Percent	42%, 40%, 56%
CMY	0.5804, 0.6000, 0.4353
CMYK	0.26, 0.29, 0.00, 0.44
HSL	247°, 17%, 48%
HSV	247°, 29%, 56%
XYZ	15.8488, 14.6422, 28.3765
YIQ	108.2830, -10.5020, 14.1220

Conversions

Conversions Part 2

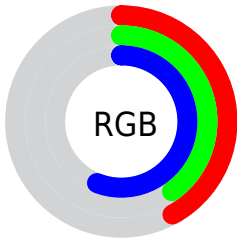
Format	Color
R _Y B	107, 102, 144
Decimal	7038608
CIE Lab	45.14, 11.67, -22.34
CIE LCh	45, 25.201, 297.584
Yxy	14.6422, 0.2692, 0.2487
Android (android.graphics.Color)	4285228688 (0xFF6B6690)
YUV	108.2830, 17.6085, -1.1252
Hunter-Lab	38.2651, 6.9679, -17.1825

Details

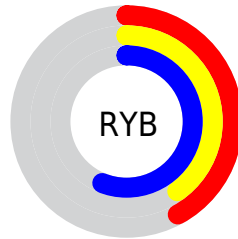
The XYZ color **15.8488, 14.6422, 28.3765** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.0196, 26.3952, 16.4526**, and the grayscale version is **14.2879, 15.0320, 16.3698**.

A 20% lighter version of the original color is **35.8824, 34.2306, 58.1420**, and **5.0869, 4.4222, 10.9414** is the 20% darker color. If you saturate the color by 10%, you get **13.1398, 11.3244, 27.8791**, and if you desaturate by 10%, it is **19.0285, 18.5682, 28.9670**.

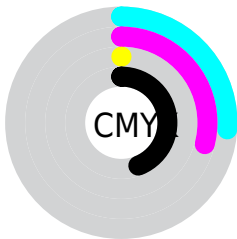
Distribution



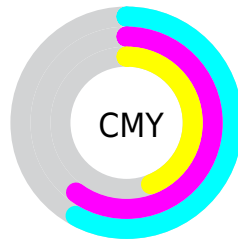
- Red (42%)
- Green (40%)
- Blue (56%)



- Red (42%)
- Yellow (40%)
- Blue (56%)



- Cyan (26%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8488, 14.6422, 28.3765 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 15.8488, 14.6422, 28.3765 by changing the saturation by 10% instead.

■ 15.8488, 14.6422,
28.3765

■ 15.8488, 14.6422,
28.3765

221.7358,
221.1902, 308.2300

■ 9.5074, 8.5687,
18.3682

■ 35.8951, 34.2243,
58.1153

■ 5.1333, 4.4609,
11.0425

■ 50.3307, 48.5016,
78.6828

■ 2.3613, 1.9346,
5.9809

■ 68.1950, 66.2823,
103.6072

■ 0.8257, 0.5691,
2.7648

■ 89.8535, 87.9507,
133.3069

■ 0.0000, 0.0000,
0.9759

115.6715,
113.8914, 168.2005

■ 0.0000, 0.0000,
0.0000

146.0143,

144.4886, 208.7065

181.2473,
180.1267, 255.2435

■ 15.8488, 14.6422,
28.3765

■ 15.8488, 14.6422,
28.3765

■ 13.1398, 11.3244,
27.8791

■ 19.0285, 18.5682,
28.9670

■ 10.8775, 8.5826,
27.4692

■ 22.6982, 23.1290,
29.6539

■ 9.0381, 6.3844,
27.1418

■ 26.8781, 28.3517,
30.4416

■ 7.5951, 4.6933,
26.8914

■ 31.5868, 34.2612,
31.3341

■ 6.5188, 3.4683,
26.7117

■ 36.8419, 40.8812,
32.3349

■ 5.7751, 2.6621,
26.5953

■ 42.6601, 48.2343,
33.4476

■ 5.3003, 2.1703,
26.5254

■ 49.0577, 56.3421,
34.6753

■ 5.2678, 2.1341,
26.5201

■ 56.0499, 65.2253,
36.0214

■ 63.6518, 74.9037,
37.4889

Harmonies

Analogous

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



13.7494, 14.6422, 30.3129



15.8488, 14.6422, 28.3765



17.5668, 14.6422, 22.8913

Triad

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



15.8488, 14.6422, 28.3765



16.1688, 14.6422, 8.1073



10.2970, 14.6422, 15.4658

Complementary

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



15.8488, 14.6422, 28.3765



23.0196, 26.3952, 16.4526

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.



10.8113, 14.6422, 10.5654



15.8488, 14.6422, 28.3765



14.0859, 14.6422, 7.0302

Square

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



15.8488, 14.6422, 28.3765



17.7641, 14.6422, 11.2127



12.1489, 14.6422, 7.8041



10.6697, 14.6422, 21.8453

Rectangle

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



15.8488, 14.6422, 28.3765



18.1916, 14.6422, 18.5298



12.1489, 14.6422, 7.8041



10.3706, 14.6422, 13.6087

Sweetspot

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



15.8493, 14.6428, 28.3768



40.0205, 40.7771, 52.2995



19.7611, 23.3331, 29.8481



8.9694, 9.0917, 11.9543



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.8493, 14.6428, 28.3768



24.7316, 21.8734, 49.4565



18.6730, 16.0985, 28.5090



5.1856, 5.2838, 6.7753



4.5989, 1.8644, 23.0946



0.0533, 0.0226, 0.2212

Inverse Universe

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



20.9137, 17.2968, 26.6632



35.1989, 27.3623, 45.7542



19.8568, 24.7648, 16.3046



5.5990, 5.5001, 6.6524



13.3495, 6.4968, 18.0234



0.1327, 0.0641, 0.1989

Previews

White Background



This preview shows how the XYZ color 15.8488, 14.6422, 28.3765 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 15.8488, 14.6422, 28.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

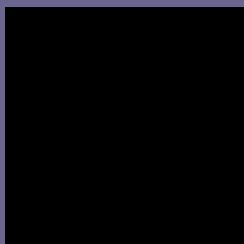
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8488, 14.6422, 28.3765

Background



This preview shows how black text looks on a background with the XYZ color 15.8488, 14.6422, 28.3765.



This preview shows how white text looks on a background with the XYZ color 15.8488, 14.6422,

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

15.8488, 14.6422, 28.3765

Protanopia

15.0374, 14.6426, 29.6375

Deuteranopia

14.9393, 14.6277, 28.0226



Tritanopia

13.8896, 14.6011, 18.6092

Trichromacy



Original Color

15.8488, 14.6422, 28.3765

Protanomaly

15.2842, 14.6286, 29.2122

Deuteranomaly

15.2751, 14.6505, 28.0093

Tritanomaly

14.5264, 14.5526, 21.7820

Monochromacy



Original Color

15.8488, 14.6422, 28.3765

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.7896, 14.8767, 20.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8488, 14.6422, 28.3765 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(107, 102, 144)` looks like.

```
.text, #text, p{  
    color:rgb(107, 102, 144)  
}
```

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(107, 102, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 102, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.8488, 14.6422, 28.3765 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(107, 102, 144) }
```


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

```
.border{ border-color:rgb(107, 102, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 102, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 102, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 102, 144);  
box-shadow:4px 4px 4px 4px rgb(107, 102,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8488, 14.6422, 28.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 102, 144) }
```

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

```
.background{ background-color: rgb(107,  
102, 144) }
```

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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