

Converting Colors

XYZ(15.0704, 12.8165, 21.9297)

Have a look what the booklet for
XYZ(15.0704, 12.8165, 21.9297)
contains.

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Color

**XYZ(15.1086, 12.8922,
22.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	765B80
RGB	118, 91, 128
RGB Percent	46%, 36%, 50%
CMY	0.5372, 0.6431, 0.4980
CMYK	0.08, 0.29, 0.00, 0.50
HSL	284°, 17%, 43%
HSV	284°, 29%, 50%
XYZ	15.1086, 12.8922, 22.1142
YIQ	103.2910, 4.2150, 17.2310

Conversions

Conversions Part 2

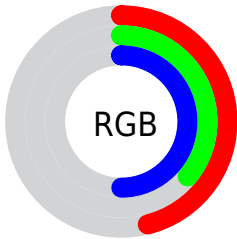
Format	Color
RYB	118, 91, 128
Decimal	7756672
CIELab	42.60, 18.26, -16.53
CIELCh	43, 24.632, 317.859
Yxy	12.8922, 0.3015, 0.2573
Android (android.graphics.Color)	4285946752 (0xFF765B80)
YUV	103.2910, 12.1815, 12.8998
Hunter-Lab	35.9057, 12.2752, -11.3825

Details

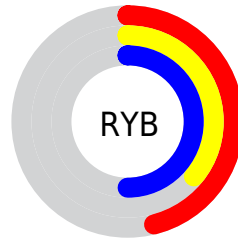
The XYZ color **15.1086, 12.8922, 22.1142** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.9747, 18.9606, 12.7686**, and the grayscale version is **12.9374, 13.6112, 14.8226**.

A 20% lighter version of the original color is **34.6600, 31.0439, 47.8814**, and **4.8039, 3.7065, 7.8594** is the 20% darker color. If you saturate the color by 10%, you get **13.6453, 10.6500, 21.7587**, and if you desaturate by 10%, it is **16.7767, 15.5177, 22.5333**.

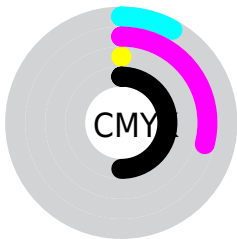
Distribution



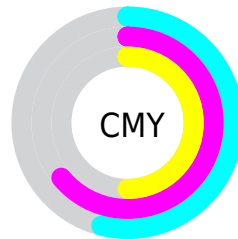
- Red (46%)
- Green (36%)
- Blue (50%)



- Red (46%)
- Yellow (36%)
- Blue (50%)



- Cyan (8%)
- Magenta (29%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1086, 12.8922, 22.1142 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 15.1086, 12.8922, 22.1142 by changing the saturation by 10% instead.

■ 15.1086, 12.8922,
22.1142

■ 15.1086, 12.8922,
22.1142

217.3980,
210.2256, 276.1150

■ 8.9825, 7.3544,
13.7417

■ 34.6137, 31.1100,
47.8393

■ 4.7868, 3.6847,
7.8046

■ 48.7233, 44.5587,
66.0290

■ 2.1562, 1.4988,
3.8842

■ 66.2248, 61.4132,
88.3281

■ 0.7195, 0.2879,
1.5620

■ 87.4836, 82.0578,
115.1553

■ 0.0000, 0.0000,
0.2635

■ 112.8649,
106.8770, 146.9290

■ 0.0000, 0.0000,
0.0000

142.7342,

136.2551, 184.0679

177.4567,
170.5765, 226.9904

■ 15.1086, 12.8922,
22.1142

■ 15.1086, 12.8922,
22.1142

■ 13.6453, 10.6500,
21.7587

■ 16.7767, 15.5177,
22.5333

■ 12.3758, 8.7703,
21.4628

■ 18.6572, 18.5426,
23.0180

■ 11.2900, 7.2332,
21.2234

■ 20.7590, 21.9840,
23.5715

■ 10.3764, 6.0157,
21.0365

■ 23.0900, 25.8574,
24.1963

■ 9.6221, 5.0922,
20.8980

■ 25.6578, 30.1777,
24.8948

9.0120, 4.4330,
20.8029

28.4695, 34.9591,
25.6695

8.5057, 3.9574,
20.7378

31.5321, 40.2149,
26.5226

8.4519, 3.9070,
20.7309

34.8520, 45.9581,
27.4562

38.4356, 52.2012,
28.4723

Harmonies

Analogous

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



13.3862, 12.8922, 26.2523



15.1086, 12.8922, 22.1142



16.1030, 12.8922, 16.3094

Triad

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



15.1086, 12.8922, 22.1142



13.0232, 12.8922, 6.2026



9.1485, 12.8922, 17.4271

Complementary

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



15.1086, 12.8922, 22.1142



14.9747, 18.9606, 12.7686

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.



9.0725, 12.8922, 11.9869



15.1086, 12.8922, 22.1142



11.1868, 12.8922, 6.3576

Square

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



15.1086, 12.8922, 22.1142



14.8197, 12.8922, 7.7180



9.7831, 12.8922, 8.2142



10.0023, 12.8922, 23.1091

Rectangle

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



15.1086, 12.8922, 22.1142



16.1589, 12.8922, 12.6799



9.7831, 12.8922, 8.2142



9.0345, 12.8922, 15.4885

Sweetspot

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



15.1090, 12.8927, 22.1145



32.7428, 32.4753, 40.4989



12.9119, 13.1846, 22.2866



7.5641, 7.4383, 9.4554



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.1090, 12.8927, 22.1145



24.7858, 19.9047, 38.4919



16.0327, 13.4275, 19.5110



4.3884, 4.3558, 5.4227



8.3819, 3.8747, 20.5561



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.9925, 13.0114, 14.0336



24.6097, 20.1903, 21.4757



14.2869, 18.5640, 14.6393



4.3718, 4.3619, 4.7625



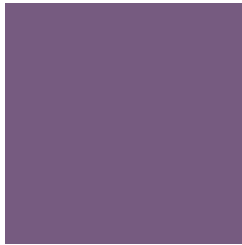
9.1224, 4.6687, 1.9686



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1086, 12.8922, 22.1142 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 15.1086, 12.8922, 22.1142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

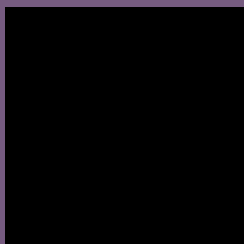
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1086, 12.8922, 22.1142

Background



This preview shows how black text looks on a background with the XYZ color 15.1086, 12.8922, 22.1142.



This preview shows how white text looks on a background with the XYZ color 15.1086, 12.8922,

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

15.1086, 12.8922, 22.1142

Protanopia

13.1746, 13.0597, 24.3807

Deuteranopia

13.1575, 12.9714, 21.5489



Tritanopia

13.5705, 12.9224, 14.6110

Trichromacy



Original Color

15.1086, 12.8922, 22.1142

Protanomaly

13.8064, 12.9820, 23.6079

Deuteranomaly

13.8393, 12.9013, 21.8395

Tritanomaly

13.9976, 12.8201, 17.0660

Monochromacy



Original Color

15.1086, 12.8922, 22.1142

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5708, 13.2817, 17.1776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1086, 12.8922, 22.1142 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(118, 91, 128)` looks like.

```
.text, #text, p{  
    color:rgb(118, 91, 128)  
}
```

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(118, 91, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 91, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.1086, 12.8922, 22.1142 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(118, 91, 128) }
```


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

```
.border{ border-color:rgb(118, 91, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 91, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 91, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 91, 128);  
box-shadow:4px 4px 4px 4px rgb(118, 91,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1086, 12.8922, 22.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 91, 128) }
```

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

```
.background{ background-color: rgb(118, 91,  
128) }
```

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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