

Converting Colors

XYZ(15.1275, 13.8382, 23.0535)

Have a look what the booklet for
XYZ(15.1275, 13.8382, 23.0535)
contains.

XYZ(15.0790, 13.7918, 22.9864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0790, 13.7918,
22.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	706282
RGB	112, 98, 130
RGB Percent	44%, 38%, 51%
CMY	0.5608, 0.6157, 0.4902
CMYK	0.14, 0.25, 0.00, 0.49
HSL	266°, 14%, 45%
HSV	266°, 25%, 51%
XYZ	15.0790, 13.7918, 22.9864
YIQ	105.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

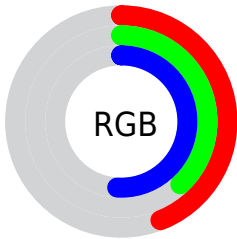
Format	Color
R_{YB}	112, 98, 130
Decimal	7365250
CIE _{Lab}	43.93, 12.34, -15.76
CIE _{LCh}	44, 20.015, 308.077
Yxy	13.7918, 0.2908, 0.2660
Android (android.graphics.Color)	4285555330 (0xFF706282)
YUV	105.8340, 11.9138, 5.4076
Hunter-Lab	37.1373, 7.4867, -10.7018

Details

The XYZ color **15.0790, 13.7918, 22.9864** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.3902, 20.5605, 14.6079**, and the grayscale version is **13.6233, 14.3328, 15.6084**.

A 20% lighter version of the original color is **34.6045, 32.8063, 49.3081**, and **4.7834, 4.0517, 8.3145** is the 20% darker color. If you saturate the color by 10%, you get **13.0671, 11.0935, 22.5718**, and if you desaturate by 10%, it is **17.3649, 16.9254, 23.4710**.

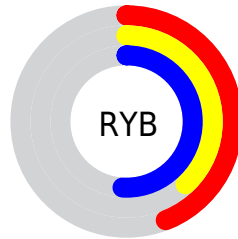
Distribution



Red (44%)

Green (38%)

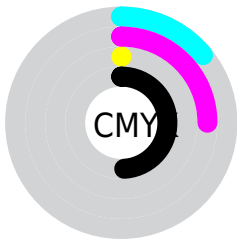
Blue (51%)



Red (44%)

Yellow (38%)

Blue (51%)

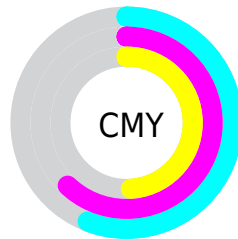


Cyan (14%)

Magenta (25%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0790, 13.7918, 22.9864 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 15.0790, 13.7918, 22.9864 by changing the saturation by 10% instead.

■ 15.0790, 13.7918,
22.9864

■ 15.0790, 13.7918,
22.9864

217.2228,
215.9317, 280.7748

■ 8.9615, 7.9760,
14.3783

■ 34.5622, 32.7192,
49.2939

■ 4.7730, 4.0796,
8.2425

■ 48.6587, 46.5995,
67.8304

■ 2.1481, 1.7182,
4.1605

■ 66.1455, 63.9368,
90.5133

■ 0.7152, 0.4354,
1.7138

■ 87.3881, 85.1155,
117.7613

■ 0.0000, 0.0000,
0.3702

112.7518,
110.5199, 149.9930

■ 0.0000, 0.0000,
0.0000

142.6019,

140.5345, 187.6267

177.3037,
175.5437, 231.0811

■ 15.0790, 13.7918,
22.9864

■ 15.0790, 13.7918,
22.9864

■ 13.0671, 11.0935,
22.5718

■ 17.3649, 16.9254,
23.4710

■ 11.3167, 8.8088,
22.2231

■ 19.9342, 20.5111,
24.0277

■ 9.8159, 6.9167,
21.9370

■ 22.7972, 24.5672,
24.6597

■ 8.5516, 5.3935,
21.7096

■ 25.9635, 29.1102,
25.3697

■ 7.5092, 4.2131,
21.5367

■ 29.4422, 34.1558,
26.1603

6.6721, 3.3455,
21.4134

33.2419, 39.7193,
27.0338

6.0182, 2.7498,
21.3329

37.3709, 45.8149,
27.9928

5.7094, 2.4778,
21.2966

41.8372, 52.4565,
29.0393

46.6485, 59.6574,
30.1757

Harmonies

Analogous

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



13.5415, 13.7918, 25.4191



15.0790, 13.7918, 22.9864



16.1433, 13.7918, 18.5161

Triad

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



15.0790, 13.7918, 22.9864



14.2795, 13.7918, 8.2893



10.3175, 13.7918, 16.2767

Complementary

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



15.0790, 13.7918, 22.9864



17.3902, 20.5605, 14.6079

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.



10.4804, 13.7918, 11.9890



15.0790, 13.7918, 22.9864



12.6852, 13.7918, 7.9284

Square

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



15.0790, 13.7918, 22.9864



15.6564, 13.7918, 10.2526



11.3180, 13.7918, 9.1421



10.8536, 13.7918, 21.0670

Rectangle

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



15.0790, 13.7918, 22.9864



16.3957, 13.7918, 15.3116



11.3180, 13.7918, 9.1421



10.2932, 13.7918, 14.7261

Sweetspot

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



15.0794, 13.7924, 22.9867



33.9055, 34.4370, 42.0525



15.3275, 16.7304, 23.5407



7.6283, 7.7302, 9.5084



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.



15.0794, 13.7924, 22.9867



24.3500, 21.3171, 40.0237



17.2794, 14.9265, 23.0897



4.2734, 4.2966, 5.4174



5.4820, 2.3798, 20.4204



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7264, 14.7427, 18.4877



27.8733, 23.3519, 30.3189



15.4580, 19.5644, 14.5175



4.4211, 4.3816, 5.0221



9.9877, 5.0148, 6.5249



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0790, 13.7918, 22.9864 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 15.0790, 13.7918, 22.9864 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 15.0790, 13.7918, 22.9864

Background



This preview shows how black text looks on a background with the XYZ color 15.0790, 13.7918, 22.9864.



This preview shows how white text looks on a background with the XYZ color 15.0790, 13.7918,

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

15.0790, 13.7918, 22.9864

Protanopia

13.9078, 13.8807, 24.1365

Deuteranopia

14.0806, 13.8544, 22.7009



Tritanopia

13.8725, 13.8797, 16.6997

Trichromacy



Original Color

15.0790, 13.7918, 22.9864

Protanomaly

14.2980, 13.7981, 23.7395

Deuteranomaly

14.4418, 13.8956, 22.6898

Tritanomaly

14.2950, 13.9067, 18.7605

Monochromacy



Original Color

15.0790, 13.7918, 22.9864

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1291, 14.1264, 18.2016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0790, 13.7918, 22.9864 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(112, 98, 130)` looks like.

```
.text, #text, p{  
    color:rgb(112, 98, 130)  
}
```

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(112, 98, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 98, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.0790, 13.7918, 22.9864 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(112, 98, 130) }
```


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

```
.border{ border-color:rgb(112, 98, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 98, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 98, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 98, 130); box-shadow:4px 4px 4px 4px rgb(112, 98, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0790, 13.7918, 22.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 98, 130) }
```

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

```
.background{ background-color: rgb(112, 98,  
130) }
```

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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