

Converting Colors

XYZ(15.2038, 13.8866, 21.6177)

Have a look what the booklet for
XYZ(15.2038, 13.8866, 21.6177)
contains.

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Color

**XYZ(15.2038, 13.8866,
21.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	73627E
RGB	115, 98, 126
RGB Percent	45%, 38%, 49%
CMY	0.5490, 0.6157, 0.5059
CMYK	0.09, 0.22, 0.00, 0.51
HSL	276°, 12%, 44%
HSV	276°, 22%, 49%
XYZ	15.2038, 13.8866, 21.6177
YIQ	106.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

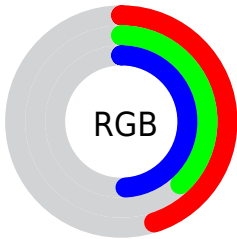
Format	Color
R_{YB}	115, 98, 126
Decimal	7561854
CIE _{Lab}	44.07, 12.50, -13.11
CIE _{LCh}	44, 18.110, 313.637
Yxy	13.8866, 0.2998, 0.2739
Android (android.graphics.Color)	4285751934 (0xFF73627E)
YUV	106.2750, 9.7244, 7.6518
Hunter-Lab	37.2647, 7.6137, -8.3095

Details

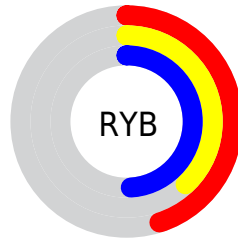
The XYZ color **15.2038, 13.8866, 21.6177** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.9727, 19.0551, 14.3922**, and the grayscale version is **13.7493, 14.4654, 15.7528**.

A 20% lighter version of the original color is **34.8205, 32.9651, 47.1755**, and **4.8381, 4.0968, 7.5569** is the 20% darker color. If you saturate the color by 10%, you get **13.4829, 11.3852, 21.2258**, and if you desaturate by 10%, it is **17.1461, 16.7784, 22.0737**.

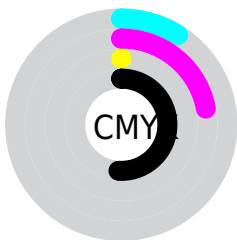
Distribution



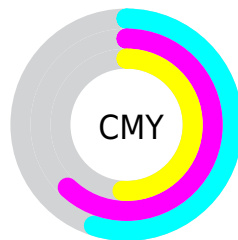
- Red (45%)
- Green (38%)
- Blue (49%)



- Red (45%)
- Yellow (38%)
- Blue (49%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2038, 13.8866, 21.6177 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 15.2038, 13.8866, 21.6177 by changing the saturation by 10% instead.

■ 15.2038, 13.8866,
21.6177

■ 15.2038, 13.8866,
21.6177

217.9605,
216.5242, 273.4313

■ 9.0498, 8.0418,
13.3806

■ 34.7790, 32.8877,
47.0074

■ 4.8310, 4.1217,
7.5574

■ 48.9310, 46.8128,
64.9971

■ 2.1822, 1.7419,
3.7294

■ 66.4796, 64.2001,
87.0747

■ 0.7333, 0.4506,
1.4781

■ 87.7903, 85.4341,
113.6589

■ 0.0000, 0.0000,
0.2015

113.2283,
110.8991, 145.1681

■ 0.0000, 0.0000,
0.0000

143.1592,

140.9795, 182.0209

177.9481,
176.0598, 224.6358

■ 15.2038, 13.8866,
21.6177

■ 15.2038, 13.8866,
21.6177

■ 13.4829, 11.3852,
21.2258

■ 17.1461, 16.7784,
22.0737

■ 11.9730, 9.2549,
20.8942

■ 19.3172, 20.0753,
22.5957

■ 10.6645, 7.4773,
20.6200

■ 21.7256, 23.7934,
23.1864

■ 9.5468, 6.0315,
20.3999

■ 24.3791, 27.9474,
23.8483

■ 8.6078, 4.8948,
20.2300

■ 27.2849, 32.5512,
24.5838

7.8341, 4.0410,
20.1059

30.4502, 37.6182,
25.3950

7.2101, 3.4398,
20.0228

33.8817, 43.1611,
26.2840

6.7861, 3.0633,
19.9725

37.5858, 49.1922,
27.2529

41.5687, 55.7233,
28.3036

Harmonies

Analogous

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



13.8626, 13.8866, 24.2125



15.2038, 13.8866, 21.6177



16.0385, 13.8866, 17.4665

Triad

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



15.2038, 13.8866, 21.6177



13.9945, 13.8866, 8.7150



10.6861, 13.8866, 17.0685

Complementary

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



15.2038, 13.8866, 21.6177



15.9727, 19.0551, 14.3922

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.



10.7157, 13.8866, 12.9939



15.2038, 13.8866, 21.6177



12.5565, 13.8866, 8.6476

Square

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



15.2038, 13.8866, 21.6177



15.3064, 13.8866, 10.2804



11.3783, 13.8866, 10.0755



11.2942, 13.8866, 21.2810

Rectangle

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



15.2038, 13.8866, 21.6177



16.1602, 13.8866, 14.6225



11.3783, 13.8866, 10.0755



10.6233, 13.8866, 15.6290

Sweetspot

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



15.2042, 13.8872, 21.6180



32.0617, 32.3768, 39.3039



14.2935, 15.0836, 21.8969



7.2562, 7.3088, 8.9314



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.



15.2042, 13.8872, 21.6180



25.0760, 21.9783, 37.6649



16.5600, 14.6067, 20.7514



4.3397, 4.3307, 5.4205



6.9570, 3.1402, 20.4894



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.7327, 14.2758, 16.3951



26.2341, 22.8240, 26.4826



14.8376, 18.4544, 15.0413



4.3923, 4.3701, 4.8703



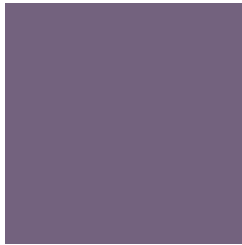
9.4048, 4.7816, 3.4553



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2038, 13.8866, 21.6177 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 15.2038, 13.8866, 21.6177 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 15.2038, 13.8866, 21.6177

Background



This preview shows how black text looks on a background with the XYZ color 15.2038, 13.8866, 21.6177.



This preview shows how white text looks on a background with the XYZ color 15.2038, 13.8866,

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

15.2038, 13.8866, 21.6177

Protanopia

13.9165, 13.9089, 23.0703

Deuteranopia

14.1620, 13.9265, 21.3437



Tritanopia

14.0961, 13.8562, 16.3996

Trichromacy



Original Color

15.2038, 13.8866, 21.6177

Protanomaly

14.3250, 13.8354, 22.6844

Deuteranomaly

14.5397, 13.9762, 21.3334

Tritanomaly

14.4617, 13.8629, 18.1332

Monochromacy



Original Color

15.2038, 13.8866, 21.6177

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1376, 14.1440, 17.6077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2038, 13.8866, 21.6177 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(115, 98, 126)` looks like.

```
.text, #text, p{  
    color:rgb(115, 98, 126)  
}
```

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(115, 98, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 98, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.2038, 13.8866, 21.6177 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(115, 98, 126) }
```


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

```
.border{ border-color:rgb(115, 98, 126) }
```

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

Here you see how a box with a 4 pixel rgb(115, 98, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 98, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 98, 126);  
box-shadow:4px 4px 4px 4px rgb(115, 98,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2038, 13.8866, 21.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 98, 126) }
```

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

```
.background{ background-color: rgb(115, 98,  
126) }
```

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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