

Converting Colors

XYZ(10.2866, 6.8801, 14.9732)

Have a look what the booklet for
XYZ(10.2866, 6.8801, 14.9732)
contains.

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Color

**XYZ(10.2866, 6.8801,
14.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	6D356C
RGB	109, 53, 108
RGB Percent	43%, 21%, 42%
CMY	0.5725, 0.7921, 0.5765
CMYK	0.00, 0.51, 0.01, 0.57
HSL	301°, 35%, 32%
HSV	301°, 51%, 43%
XYZ	10.2866, 6.8801, 14.9732
YIQ	76.0140, 15.7210, 28.9770

Conversions

Conversions Part 2

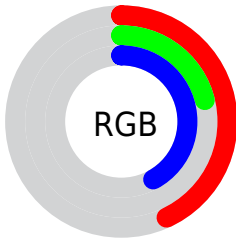
Format	Color
R_{YB}	109, 53, 108
Decimal	7157100
CIE _{Lab}	31.53, 33.40, -21.28
CIE _{LCh}	32, 39.599, 327.495
Yxy	6.8801, 0.3201, 0.2141
Android (android.graphics.Color)	4285347180 (0xFF6D356C)
YUV	76.0140, 15.7691, 28.9287
Hunter-Lab	26.2299, 24.1000, -15.4844

Details

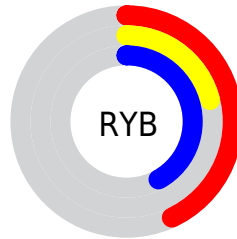
The XYZ color **10.2866, 6.8801, 14.9732** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **7.6030, 11.9609, 5.3984**, and the grayscale version is **6.8423, 7.1986, 7.8393**.

A 20% lighter version of the original color is **25.9968, 19.7222, 35.6943**, and **2.6518, 1.3212, 4.3902** is the 20% darker color. If you saturate the color by 10%, you get **9.8349, 5.9930, 14.7716**, and if you desaturate by 10%, it is **10.8519, 7.9939, 15.2129**.

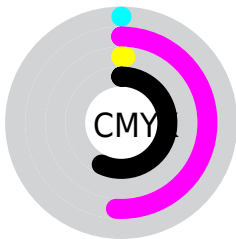
Distribution



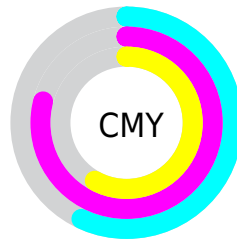
- Red (43%)
- Green (21%)
- Blue (42%)



- Red (43%)
- Yellow (21%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (57%)




- Cyan (57%)
- Magenta (79%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.2866, 6.8801, 14.9732 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 10.2866, 6.8801, 14.9732 by changing the saturation by 10% instead.


 10.2866, 6.8801,
14.9732


 10.2866, 6.8801,
14.9732


186.7167,
166.6637, 234.8391


 5.6531, 3.3872,
8.6542


 25.9780, 19.7316,
35.5478


 2.6740, 1.3371,
4.4226

 37.7666, 29.8590,
50.6404


 0.9838, 0.1696,
1.8599

 52.6710, 42.9667,
69.4947

 0.0000, 0.0000,
0.4670

 71.0565, 59.4391,
92.5291

 0.0000, 0.0000,
0.0000

 93.2885, 79.6606,
120.1622

 119.7322,

104.0156, 152.8126

150.7532,
132.8885, 190.8987

■ 10.2866, 6.8801,
14.9732

■ 10.2866, 6.8801,
14.9732

■ 9.8349, 5.9930,
14.7716

■ 10.8519, 7.9939,
15.2129

■ 9.4882, 5.3163,
14.6050

■ 11.5371, 9.3477,
15.4927

■ 9.2381, 4.8326,
14.4708

■ 12.3489, 10.9547,
15.8147

■ 9.0744, 4.5216,
14.3654

■ 13.2934, 12.8268,
16.1811

■ 8.9635, 4.3140,
14.2848

■ 14.3761, 14.9754,
16.5937

■ 15.6023, 17.4110,
17.0542

■ 16.9771, 20.1438,
17.5644

■ 18.5052, 23.1831,
18.1258

■ 20.1912, 26.5382,
18.7399

Harmonies

Analogous

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



8.4507, 6.8801, 21.8427



10.2866, 6.8801, 14.9732



11.1060, 6.8801, 7.9761

Triad

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



10.2866, 6.8801, 14.9732



6.7065, 6.8801, 1.0368



3.7196, 6.8801, 13.7061

Complementary

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



10.2866, 6.8801, 14.9732



7.6030, 11.9609, 5.3984

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.



3.4356, 6.8801, 7.0265



10.2866, 6.8801, 14.9732



4.9404, 6.8801, 1.3974

Square

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



10.2866, 6.8801, 14.9732



8.7959, 6.8801, 1.5582



3.8345, 6.8801, 3.0398



4.7060, 6.8801, 20.8881

Rectangle

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



10.2866, 6.8801, 14.9732



10.8633, 6.8801, 4.6780



3.8345, 6.8801, 3.0398



3.5486, 6.8801, 11.2529

Sweetspot

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



10.2868, 6.8804, 14.9733



23.0906, 21.5546, 28.6991



5.5514, 4.4330, 15.0315



5.3116, 4.8936, 6.6545



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.2868, 6.8804, 14.9733



17.4485, 10.4143, 26.3747



9.0305, 6.3779, 8.3578



3.2153, 3.1630, 3.8643



10.4827, 5.0452, 16.7024



53.3777, 25.6930, 84.9148

Inverse Universe

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



10.2868, 6.8804, 14.9733



17.4485, 10.4143, 26.3747



8.4576, 12.3027, 9.8986



3.2153, 3.1630, 3.8643



10.4827, 5.0452, 16.7024



53.3777, 25.6930, 84.9148

Previews

White Background



This preview shows how the XYZ color 10.2866, 6.8801, 14.9732 looks on a white background.

Color Contrast Check

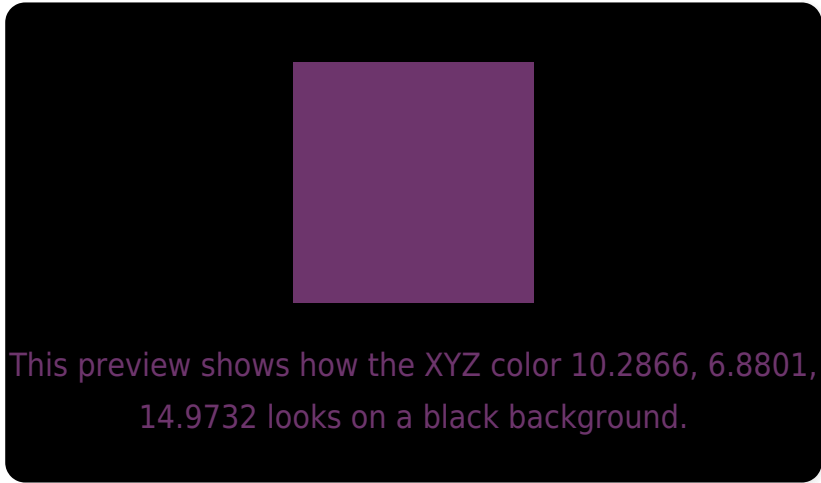
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.2866, 6.8801, 14.9732

Background



This preview shows how black text looks on a background with the XYZ color 10.2866, 6.8801, 14.9732.



This preview shows how white text looks on a background with the XYZ color 10.2866, 6.8801,

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

10.2866, 6.8801, 14.9732

Protanopia

7.5524, 7.0026, 20.3556

Deuteranopia

7.1274, 7.0209, 14.0762



Tritanopia

8.5298, 6.9154, 6.3541

Trichromacy



Original Color

10.2866, 6.8801, 14.9732

Protanomaly

8.0256, 6.6448, 18.3123

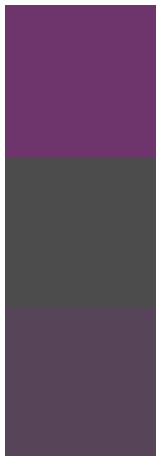
Deuteranomaly

7.8914, 6.6657, 14.2353

Tritanomaly

9.0692, 6.8166, 9.0214

Monochromacy



Original Color

10.2866, 6.8801, 14.9732

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

7.8531, 6.9135, 10.1531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2866, 6.8801, 14.9732 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(109, 53, 108)` looks like.

```
.text, #text, p{  
    color:rgb(109, 53, 108)  
}
```

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(109, 53, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 53, 108) }
```

Border

The CSS property to change the border of an element to XYZ 10.2866, 6.8801, 14.9732 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(109, 53, 108) }
```


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

```
.border{ border-color:rgb(109, 53, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 53, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 53, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 53, 108);  
box-shadow:4px 4px 4px 4px rgb(109, 53,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2866, 6.8801, 14.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 53, 108) }
```

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

```
.background{ background-color: rgb(109, 53,  
108) }
```

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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