

Converting Colors

XYZ(10.7919, 9.1858, 12.3323)

Have a look what the booklet for
XYZ(10.7919, 9.1858, 12.3323)
contains.

XYZ(10.7592, 9.1392, 12.2633)	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(10.7592, 9.1392,
12.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4C60
RGB	107, 76, 96
RGB Percent	42%, 30%, 38%
CMY	0.5804, 0.7020, 0.6235
CMYK	0.00, 0.29, 0.10, 0.58
HSL	321°, 17%, 36%
HSV	321°, 29%, 42%
XYZ	10.7592, 9.1392, 12.2633
YIQ	87.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

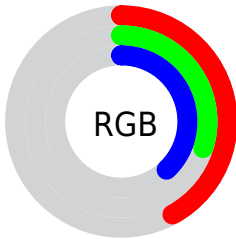
Format	Color
R_{YB}	107, 76, 96
Decimal	7031904
CIE Lab	36.25, 16.65, -6.50
CIE LCh	36, 17.874, 338.683
Yxy	9.1392, 0.3345, 0.2842
Android (android.graphics.Color)	4285221984 (0xFF6B4C60)
YUV	87.5490, 4.1663, 17.0585
Hunter-Lab	30.2311, 10.6234, -2.8893

Details

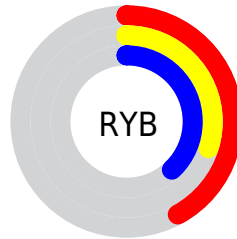
The XYZ color **10.7592, 9.1392, 12.2633** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.9589, 12.7404, 10.9517**, and the grayscale version is **9.1673, 9.6447, 10.5031**.

A 20% lighter version of the original color is **26.8200, 24.1135, 30.4349**, and **2.8693, 2.1401, 3.2795** is the 20% darker color. If you saturate the color by 10%, you get **9.9119, 7.7175, 11.1391**, and if you desaturate by 10%, it is **11.7381, 10.8104, 13.4732**.

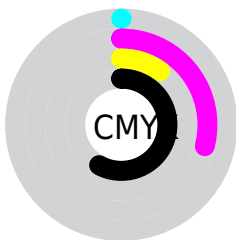
Distribution



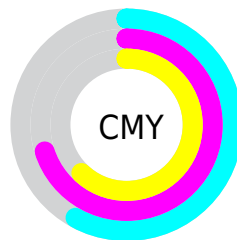
- Red (42%)
- Green (30%)
- Blue (38%)



- Red (42%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (10%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7592, 9.1392, 12.2633 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 10.7592, 9.1392, 12.2633 by changing the saturation by 10% instead.

■ 10.7592, 9.1392,
12.2633

■ 10.7592, 9.1392,
12.2633

189.9506,
184.4129, 217.1801

■ 5.9712, 4.8321,
6.7985

■ 26.8509, 24.1633,
30.6453

■ 2.8681, 2.1491,
3.2599

■ 38.8854, 35.6491,
44.3996

■ 1.0844, 0.6920,
1.2288

■ 54.0662, 50.2966,
61.7542

■ 0.0120, 0.0000,
0.0024

■ 72.7585, 68.4901,
83.1276

■ 0.0000, 0.0000,
0.0000

■ 95.3277, 90.6141,
108.9384

122.1392,

117.0530, 139.6050

153.5584,
148.1911, 175.5461

■ 10.7592, 9.1392,
12.2633

■ 10.7592, 9.1392,
12.2633

■ 9.9119, 7.7175,
11.1391

■ 11.7381, 10.8104,
13.4732

■ 9.1892, 6.5319,
10.0975

■ 12.8537, 12.7411,
14.7709

■ 8.5848, 5.5696,
9.1357

■ 14.1114, 14.9425,
16.1587

■ 8.0912, 4.8161,
8.2508

■ 15.5166, 17.4245,
17.6390

■ 7.7002, 4.2551,
7.4394

■ 17.0739, 20.1967,
19.2139

■ 7.4024, 3.8680,
6.6977

■ 18.7881, 23.2681,
20.8856

■ 7.1628, 3.5847,
6.0133

■ 20.6635, 26.6475,
22.6559

■ 7.1386, 3.5559,
5.9452

■ 22.7044, 30.3431,
24.5268

■ 24.9148, 34.3629,
26.5002

Harmonies

Analogous

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



10.0444, 9.1392, 15.3279



10.7592, 9.1392, 12.2633



10.8956, 9.1392, 9.0833

Triad

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



10.7592, 9.1392, 12.2633



8.3780, 9.1392, 5.1691



7.1700, 9.1392, 14.1312

Complementary

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



10.7592, 9.1392, 12.2633



9.9589, 12.7404, 10.9517

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.



6.7982, 9.1392, 10.8723



10.7592, 9.1392, 12.2633



7.4569, 9.1392, 6.0065

Square

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



10.7592, 9.1392, 12.2633



9.4603, 9.1392, 5.3902



6.8988, 9.1392, 7.9494



7.9562, 9.1392, 16.5517

Rectangle

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



10.7592, 9.1392, 12.2633



10.6302, 9.1392, 7.3703



6.8988, 9.1392, 7.9494



6.9955, 9.1392, 13.0733

Sweetspot

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



10.7595, 9.1396, 12.2635



22.9557, 22.7096, 26.3807



9.1552, 8.2499, 15.0200



5.4981, 5.3954, 6.3191



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.



10.7595, 9.1396, 12.2635



18.1769, 14.5330, 20.5304



10.1203, 8.8839, 8.8977



3.1742, 3.1466, 3.6476



8.6697, 4.3200, 7.1551



43.7518, 21.8427, 34.2253

Inverse Universe

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



10.7595, 9.1396, 12.2635



18.1769, 14.5330, 20.5304



10.6542, 13.0185, 14.6132



3.1742, 3.1466, 3.6476



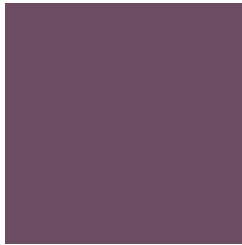
8.6697, 4.3200, 7.1551



43.7518, 21.8427, 34.2253

Previews

White Background



This preview shows how the XYZ color 10.7592, 9.1392, 12.2633 looks on a white background.

Color Contrast Check

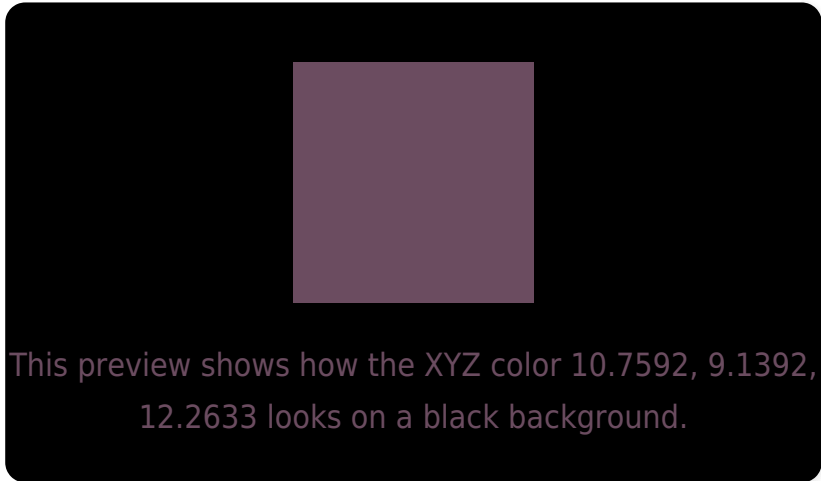
Large Text (above 18pt) WCAG AA ✓ Pass

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

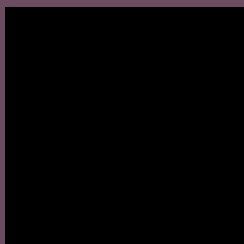
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7592, 9.1392, 12.2633

Background



This preview shows how black text looks on a background with the XYZ color 10.7592, 9.1392, 12.2633.



This preview shows how white text looks on a background with the XYZ color 10.7592, 9.1392,

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

10.7592, 9.1392, 12.2633

Protanopia

9.1264, 9.2501, 13.8748

Deuteranopia

9.3753, 9.1864, 12.1055



Tritanopia

10.2685, 9.1530, 9.6130

Trichromacy



Original Color

10.7592, 9.1392, 12.2633

Protanomaly

9.6319, 9.1788, 13.3206

Deuteranomaly

9.7581, 9.0503, 12.0591

Tritanomaly

10.3592, 9.0765, 10.4385

Monochromacy



Original Color

10.7592, 9.1392, 12.2633

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.7780, 9.5289, 11.2214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7592, 9.1392, 12.2633 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, 76, 96)` looks like.

```
.text, #text, p{  
    color:rgb(107, 76, 96)  
}
```

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, 76, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 76, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.7592, 9.1392, 12.2633 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, 76, 96) }
```


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

```
.border{ border-color:rgb(107, 76, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 76, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 76, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 76, 96);  
box-shadow:4px 4px 4px 4px rgb(107, 76,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7592, 9.1392, 12.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 76, 96) }
```

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

```
.background{ background-color: rgb(107, 76,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor