

Converting Colors

XYZ(10.4251, 8.1100, 12.0823)

Have a look what the booklet for
XYZ(10.4251, 8.1100, 12.0823)
contains.

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Color

**XYZ(10.4251, 8.1100,
12.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4360
RGB	109, 67, 96
RGB Percent	43%, 26%, 38%
CMY	0.5725, 0.7372, 0.6235
CMYK	0.00, 0.39, 0.12, 0.57
HSL	319°, 24%, 35%
HSV	319°, 39%, 43%
XYZ	10.4251, 8.1100, 12.0823
YIQ	82.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

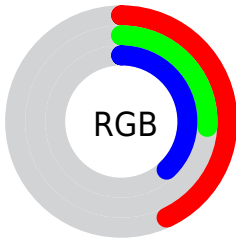
Format	Color
R_{YB}	109, 67, 96
Decimal	7160672
CIE _{Lab}	34.21, 22.91, -9.54
CIE _{LCh}	34, 24.820, 337.402
Yxy	8.1100, 0.3405, 0.2649
Android (android.graphics.Color)	4285350752 (0xFF6D4360)
YUV	82.8640, 6.4760, 22.9213
Hunter-Lab	28.4781, 15.5077, -5.2201

Details

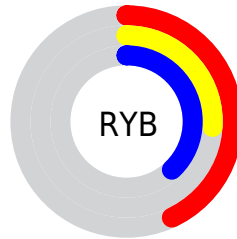
The XYZ color **10.4251, 8.1100, 12.0823** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **9.2316, 12.7099, 9.5565**, and the grayscale version is **8.1796, 8.6055, 9.3714**.

A 20% lighter version of the original color is **26.2098, 22.1744, 30.5024**, and **2.7261, 1.7648, 3.2146** is the 20% darker color. If you saturate the color by 10%, you get **9.6851, 6.8732, 11.0857**, and if you desaturate by 10%, it is **11.2942, 9.5942, 13.1551**.

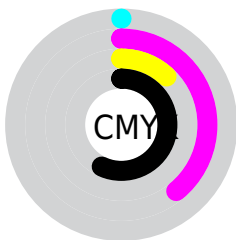
Distribution



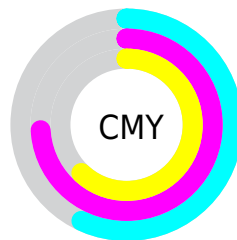
- Red (43%)
- Green (26%)
- Blue (38%)



- Red (43%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (12%)
- Black (57%)



- Cyan (57%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4251, 8.1100, 12.0823 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 10.4251, 8.1100, 12.0823 by changing the saturation by 10% instead.

■ 10.4251, 8.1100,
12.0823

■ 10.4251, 8.1100,
12.0823

187.6707,
176.5923, 215.9466

■ 5.7461, 4.1654,
6.6765

■ 26.2345, 22.1738,
30.3115

■ 2.7305, 1.7665,
3.1853

■ 38.0957, 33.0618,
43.9721

■ 1.0129, 0.4662,
1.1900

■ 53.0817, 47.0331,
61.2213

■ 0.0000, 0.0000,
0.0000

■ 71.5578, 64.4720,
82.4778

■ 93.8894, 85.7630,
108.1600

120.4418,

111.2905, 138.6865

151.5805,
141.4387, 174.4759

■ 10.4251, 8.1100,
12.0823

■ 10.4251, 8.1100,
12.0823

■ 9.6851, 6.8732,
11.0857

■ 11.2942, 9.5942,
13.1551

■ 9.0666, 5.8690,
10.1619

■ 12.2982, 11.3374,
14.3060

■ 8.5622, 5.0826,
9.3083


■ 13.4433, 13.3518,
15.5376


■ 8.1634, 4.4970,
8.5215


■ 14.7350, 15.6484,
16.8523

■ 7.8604, 4.0929,
7.7979


■ 16.1786, 18.2378,
18.2520


 7.6202, 3.8044,
7.1260

 17.7793, 21.1298,
19.7389

 7.5857, 3.7628,
7.0301

 19.5417, 24.3339,
21.3149

 21.4704, 27.8592,
22.9819

 23.5699, 31.7144,
24.7418

Harmonies

Analogous

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



9.4340, 8.1100, 16.3425



10.4251, 8.1100, 12.0823



10.6487, 8.1100, 7.8876

Triad

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



10.4251, 8.1100, 12.0823



7.3717, 8.1100, 3.2370



5.7877, 8.1100, 14.2938

Complementary

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



10.4251, 8.1100, 12.0823



9.2316, 12.7099, 9.5565

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.



5.3661, 8.1100, 9.8455



10.4251, 8.1100, 12.0823



6.2071, 8.1100, 4.0667

Square

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



10.4251, 8.1100, 12.0823



8.7730, 8.1100, 3.5106



5.5100, 8.1100, 6.2216



6.7335, 8.1100, 17.8623

Rectangle

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



10.4251, 8.1100, 12.0823



10.3106, 8.1100, 5.7758



5.5100, 8.1100, 6.2216



5.5854, 8.1100, 12.8075

Sweetspot

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



10.4253, 8.1104, 12.0825



23.2621, 22.4781, 26.9665



8.0424, 6.8069, 15.3580



5.3711, 5.1567, 6.2302



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.



10.4253, 8.1104, 12.0825



17.4967, 12.5620, 20.0672



9.5978, 7.7794, 7.7247



3.1796, 3.1487, 3.6763



8.8614, 4.3967, 8.1646



44.7504, 22.2421, 39.4840

Inverse Universe

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



10.4253, 8.1104, 12.0825



17.4967, 12.5620, 20.0672



10.1130, 13.0625, 14.1979



3.1796, 3.1487, 3.6763



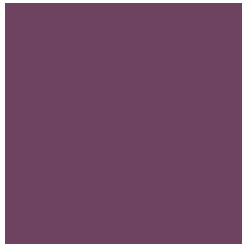
8.8614, 4.3967, 8.1646



44.7504, 22.2421, 39.4840

Previews

White Background



This preview shows how the XYZ color 10.4251, 8.1100, 12.0823 looks on a white background.

Color Contrast Check

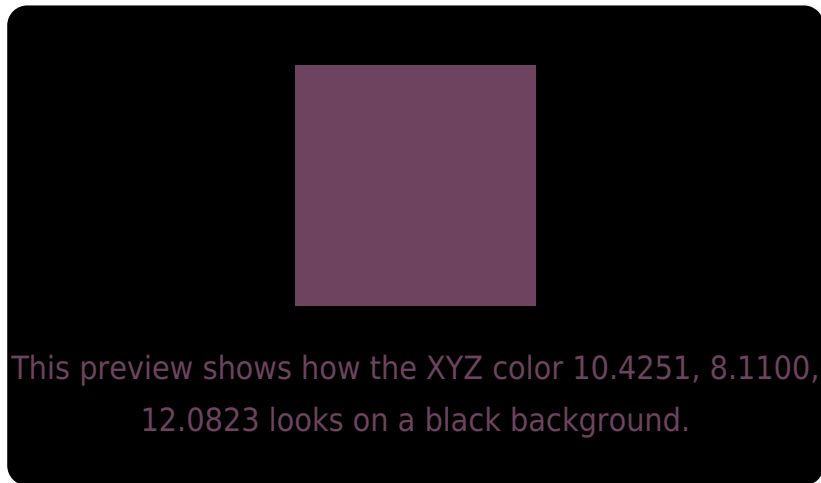
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4251, 8.1100, 12.0823

Background



This preview shows how black text looks on a background with the XYZ color 10.4251, 8.1100, 12.0823.



This preview shows how white text looks on a background with the XYZ color 10.4251, 8.1100,

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

10.4251, 8.1100, 12.0823

Protanopia

8.2425, 8.2131, 14.5155

Deuteranopia

8.2960, 8.1940, 11.7340



Tritanopia

9.6211, 8.1541, 7.9043

Trichromacy



Original Color

10.4251, 8.1100, 12.0823

Protanomaly

8.8448, 8.0177, 13.6518

Deuteranomaly

8.9953, 8.1337, 11.9223

Tritanomaly

9.9358, 8.1930, 9.2413

Monochromacy



Original Color

10.4251, 8.1100, 12.0823

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

8.8290, 8.2876, 10.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4251, 8.1100, 12.0823 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, 67, 96)` looks like.

```
.text, #text, p{  
    color:rgb(109, 67, 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(109, 67, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 67, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.4251, 8.1100, 12.0823 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, 67, 96) }
```


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

```
.border{ border-color:rgb(109, 67, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 67, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 67, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 67, 96);  
box-shadow:4px 4px 4px 4px rgb(109, 67,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4251, 8.1100, 12.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 67, 96) }
```

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

```
.background{ background-color: rgb(109, 67,  
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](#).

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