

Converting Colors

XYZ(12.2997, 9.6130, 8.2410)

Have a look what the booklet for
XYZ(12.2997, 9.6130, 8.2410)
contains.

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Color

**XYZ(12.2611, 9.6062,
8.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	7E484D
RGB	126, 72, 77
RGB Percent	49%, 28%, 30%
CMY	0.5059, 0.7176, 0.6980
CMYK	0.00, 0.43, 0.39, 0.51
HSL	354°, 27%, 39%
HSV	354°, 43%, 49%
XYZ	12.2611, 9.6062, 8.2291
YIQ	88.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

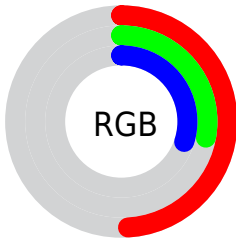
Format	Color
R_{YB}	126, 72, 77
Decimal	8276045
CIE _{Lab}	37.13, 23.65, 7.04
CIE _{LCh}	37, 24.672, 16.574
Yxy	9.6062, 0.4074, 0.3192
Android (android.graphics.Color)	4286466125 (0xFF7E484D)
YUV	88.7160, -5.7760, 32.6981
Hunter-Lab	30.9939, 16.3749, 5.9538

Details

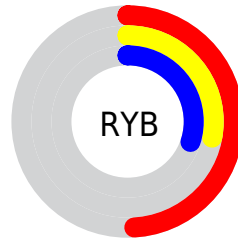
The XYZ color **12.2611, 9.6062, 8.2291** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **13.5850, 17.6801, 20.7868**, and the grayscale version is **9.4407, 9.9323, 10.8163**.

A 20% lighter version of the original color is **29.4257, 24.8844, 22.9909**, and **3.4679, 2.3044, 1.7009** is the 20% darker color. If you saturate the color by 10%, you get **11.1596, 7.9935, 6.0422**, and if you desaturate by 10%, it is **13.6011, 11.5822, 10.8459**.

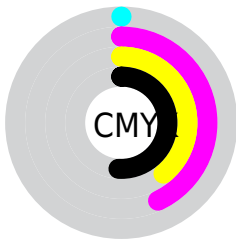
Distribution



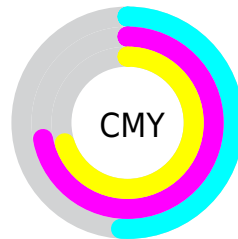
- Red (49%)
- Green (28%)
- Blue (30%)



- Red (49%)
- Yellow (28%)
- Blue (30%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (51%)



- Cyan (51%)
- Magenta (72%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.2611, 9.6062, 8.2291 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 12.2611, 9.6062, 8.2291 by changing the saturation by 10% instead.

12.2611, 9.6062,
8.2291

12.2611, 9.6062,
8.2291

199.8611,
187.8379, 187.5193

6.9952, 5.1386,
4.1520

29.5825, 25.0521,
22.9599

3.5054, 2.3288,
1.7091

42.3687, 36.7993,
34.4507

1.4263, 0.7889,
0.3670

58.3925, 51.7418,
49.2498

0.2749, 0.0000,
0.0000

78.0191, 70.2640,
67.7758

0.0000, 0.0000,
0.0000

101.6139, 92.7503,
90.4472

129.5422,

119.5851, 117.6826

162.1695,
151.1529, 149.9004

■ 12.2611, 9.6062,
8.2291

■ 12.2611, 9.6062,
8.2291

■ 11.1596, 7.9935,
6.0422

■ 13.6011, 11.5822,
10.8459

■ 10.2818, 6.7206,
4.2616

■ 15.1916, 13.9403,
13.9133

■ 9.6126, 5.7636,
2.8624


■ 17.0449, 16.6996,
17.4514


■ 9.1344, 5.0947,
1.8166


■ 19.1721, 19.8775,
21.4788


■ 8.8267, 4.6810,
1.0922

■ 21.5837, 23.4906,
26.0133

 8.6685, 4.4613,
0.7412

 24.2896, 27.5544,
31.0715

 27.2995, 32.0836,
36.6696

 30.6222, 37.0924,
42.8228

 34.2665, 42.5942,
49.5458

Harmonies

Analogous

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



12.3122, 9.6062, 12.5473



12.2611, 9.6062, 8.2291



11.3131, 9.6062, 5.4437

Triad

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



12.2611, 9.6062, 8.2291



7.1504, 9.6062, 5.6589



8.4622, 9.6062, 21.0223

Complementary

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



12.2611, 9.6062, 8.2291



13.5850, 17.6801, 20.7868

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.



7.2483, 9.6062, 17.8769



12.2611, 9.6062, 8.2291



6.5502, 9.6062, 8.6172

Square

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



12.2611, 9.6062, 8.2291



8.3142, 9.6062, 4.2701



6.5839, 9.6062, 13.0604



9.9984, 9.6062, 20.8316

Rectangle

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



12.2611, 9.6062, 8.2291



10.3547, 9.6062, 4.4631



6.5839, 9.6062, 13.0604



8.0067, 9.6062, 20.2894

Sweetspot

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



12.2614, 9.6067, 8.2293



29.8459, 29.1609, 30.4200



13.9128, 10.1777, 20.9698



6.6428, 6.4154, 6.6416



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.



12.2614, 9.6067, 8.2293



19.7594, 14.2394, 10.8680



13.7414, 12.8384, 7.8854



4.3427, 4.3502, 4.6091



8.8922, 4.5766, 0.7561



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.2614, 9.6067, 8.2293



19.7594, 14.2394, 10.8680



11.4295, 12.8659, 21.6196



4.3427, 4.3502, 4.6091



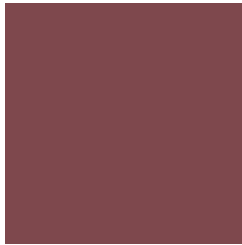
8.8922, 4.5766, 0.7561



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 12.2611, 9.6062, 8.2291 looks on a white background.

Color Contrast Check

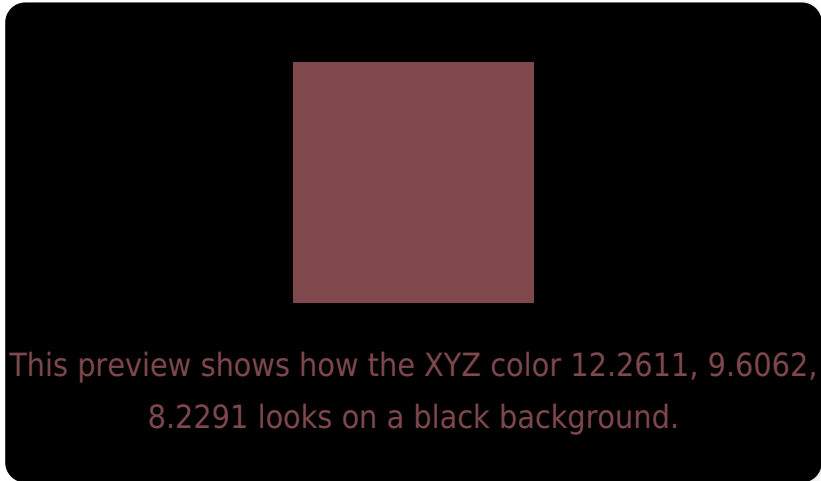
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.2611, 9.6062, 8.2291

Background



This preview shows how black text looks on a background with the XYZ color 12.2611, 9.6062, 8.2291.



This preview shows how white text looks on a background with the XYZ color 12.2611, 9.6062,

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

12.2611, 9.6062, 8.2291

Protanopia

9.2643, 9.6459, 9.9679

Deuteranopia

9.8853, 9.7717, 8.0217



Tritanopia

12.2611, 9.6062, 8.2291

Trichromacy



Original Color

12.2611, 9.6062, 8.2291

Protanomaly

10.1338, 9.5273, 9.2875

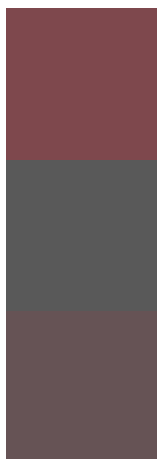
Deuteranomaly

10.6036, 9.5741, 8.1266

Tritanomaly

12.2611, 9.6062, 8.2291

Monochromacy



Original Color

12.2611, 9.6062, 8.2291

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.2124, 9.6672, 9.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.2611, 9.6062, 8.2291 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(126, 72, 77)` looks like.

```
.text, #text, p{  
    color:rgb(126, 72, 77)  
}
```

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(126, 72, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 72, 77) }
```

Border

The CSS property to change the border of an element to XYZ 12.2611, 9.6062, 8.2291 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(126, 72, 77) }
```


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

```
.border{ border-color:rgb(126, 72, 77) }
```

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

Here you see how a box with a 4 pixel rgb(126, 72, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 72, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 72, 77);  
box-shadow:4px 4px 4px 4px rgb(126, 72,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 12.2611, 9.6062, 8.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 72, 77) }
```

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

```
.background{ background-color: rgb(126, 72,  
77) }
```

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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