

Converting Colors

XYZ(17.0143, 12.7177, 10.3111)

Have a look what the booklet for
XYZ(17.0143, 12.7177, 10.3111)
contains.

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Color

**XYZ(17.0534, 12.7479,
10.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	964F56
RGB	150, 79, 86
RGB Percent	59%, 31%, 34%
CMY	0.4118, 0.6902, 0.6627
CMYK	0.00, 0.47, 0.43, 0.41
HSL	354°, 31%, 45%
HSV	354°, 47%, 59%
XYZ	17.0534, 12.7479, 10.3659
YIQ	101.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

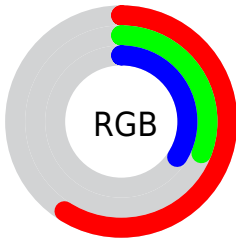
Format	Color
RYB	150, 79, 86
Decimal	9850710
CIELab	42.38, 30.37, 9.33
CIELCh	42, 31.768, 17.087
Yxy	12.7479, 0.4246, 0.3174
Android (android.graphics.Color)	4288040790 (0xFF964F56)
YUV	101.0270, -7.4083, 42.9493
Hunter-Lab	35.7042, 22.7746, 7.7794

Details

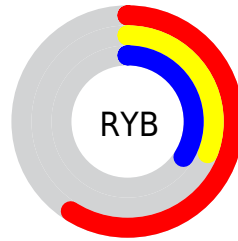
The XYZ color **17.0534, 12.7479, 10.3659** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0894, 25.4584, 29.8960**, and the grayscale version is **12.3883, 13.0334, 14.1934**.

A 20% lighter version of the original color is **38.1587, 31.0082, 27.2666**, and **5.7141, 3.6269, 2.4967** is the 20% darker color. If you saturate the color by 10%, you get **15.5967, 10.6255, 7.4420**, and if you desaturate by 10%, it is **18.8580, 15.4011, 13.9146**.

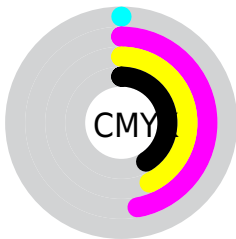
Distribution



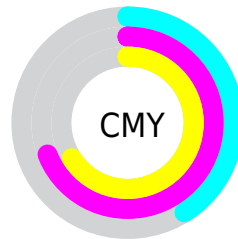
- Red (59%)
- Green (31%)
- Blue (34%)



- Red (59%)
- Yellow (31%)
- Blue (34%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (41%)



- Cyan (41%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0534, 12.7479, 10.3659 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 17.0534, 12.7479, 10.3659 by changing the saturation by 10% instead.

■ 17.0534, 12.7479,
10.3659

■ 17.0534, 12.7479,
10.3659

228.6302,
209.2956, 203.8428

■ 10.3681, 7.2552,
5.5335

■ 37.9604, 30.8501,
27.1000

■ 5.7078, 3.6222,
2.4994

■ 52.9129, 44.2284,
39.8387

■ 2.7072, 1.4646,
0.8398

■ 71.3518, 61.0040,
56.0500

■ 1.0009, 0.2636,
0.0000

■ 93.6425, 81.5614,
76.1523

■ 0.0000, 0.0000,
0.0000

■ 120.1503,
106.2848, 100.5641

151.2406,

135.5587, 129.7042

187.2788,
169.7675, 163.9909

■ 17.0534, 12.7479,
10.3659

■ 17.0534, 12.7479,
10.3659

■ 15.5967, 10.6255,
7.4420

■ 18.8580, 15.4011,
13.9146

■ 14.4645, 8.9964,
5.1059

■ 21.0299, 18.6155,
18.1207

■ 13.6319, 7.8212,
3.3179

■ 23.5884, 22.4215,
23.0153

■ 13.0702, 7.0537,
2.0330

■ 26.5511, 26.8466,
28.6275


■ 12.7336, 6.6159,
1.1951


■ 29.9343, 31.9168,
34.9846

 12.6624, 6.5179,
1.0345

 33.7537, 37.6566,
42.1125

 38.0241, 44.0889,
50.0359

 42.7595, 51.2359,
58.7782

 47.9733, 59.1186,
68.3620

Harmonies

Analogous

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



17.1623, 12.7479, 17.0293



17.0534, 12.7479, 10.3659



15.5173, 12.7479, 6.3086

Triad

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



17.0534, 12.7479, 10.3659



9.0568, 12.7479, 6.7171



11.1197, 12.7479, 31.0348

Complementary

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



17.0534, 12.7479, 10.3659



19.0894, 25.4584, 29.8960

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.



9.2529, 12.7479, 25.9016



17.0534, 12.7479, 10.3659



8.1715, 12.7479, 11.1456

Square

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



17.0534, 12.7479, 10.3659



10.8176, 12.7479, 4.7268



8.2382, 12.7479, 18.1108



13.5154, 12.7479, 30.6131

Rectangle

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



17.0534, 12.7479, 10.3659



13.9924, 12.7479, 4.9531



8.2382, 12.7479, 18.1108



10.4163, 12.7479, 29.8455

Sweetspot

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



17.0537, 12.7485, 10.3661



43.1484, 41.8363, 43.5056



19.6118, 13.6254, 30.4505



9.3440, 8.9459, 9.2269



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.0537, 12.7485, 10.3661



27.3460, 18.4927, 12.7696



19.2889, 17.6482, 9.7878



5.8226, 5.8241, 6.1722



10.5080, 5.4083, 0.8904



0.1332, 0.0680, 0.0350

Inverse Universe

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



17.0537, 12.7485, 10.3661



27.3460, 18.4927, 12.7696



15.6406, 17.6859, 31.4436



5.8226, 5.8241, 6.1722



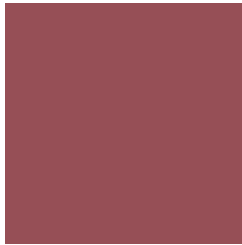
10.5080, 5.4083, 0.8904



0.1332, 0.0680, 0.0350

Previews

White Background



This preview shows how the XYZ color 17.0534, 12.7479, 10.3659 looks on a white background.

Color Contrast Check

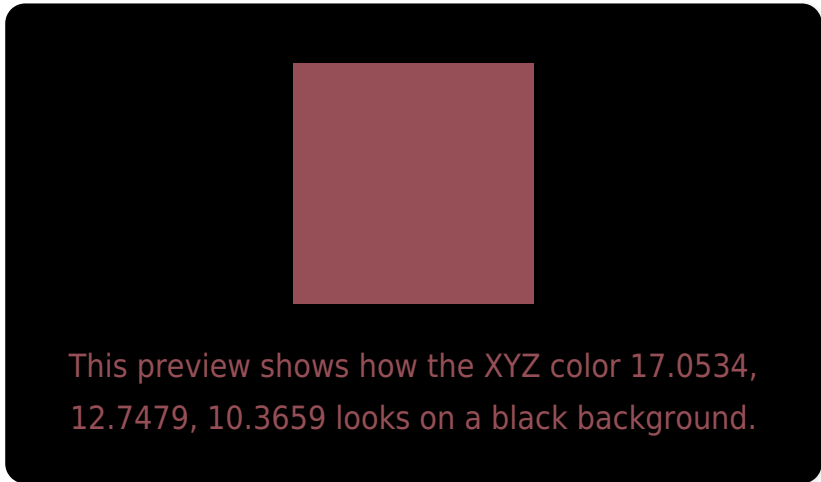
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

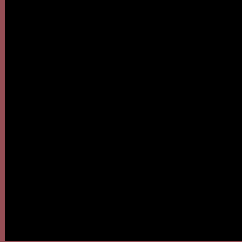
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0534, 12.7479, 10.3659

Background



This preview shows how black text looks on a background with the XYZ color 17.0534, 12.7479, 10.3659.



This preview shows how white text looks on a background with the XYZ color 17.0534, 12.7479,

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

17.0534, 12.7479, 10.3659

Protanopia

12.3084, 12.8610, 13.1430

Deuteranopia

13.0385, 12.8869, 9.9838



Tritanopia

17.0134, 12.7319, 10.1551

Trichromacy



Original Color

17.0534, 12.7479, 10.3659

Protanomaly

13.5487, 12.4377, 12.0425

Deuteranomaly

14.1585, 12.5416, 10.0620

Tritanomaly

17.0134, 12.7319, 10.1551

Monochromacy



Original Color

17.0534, 12.7479, 10.3659

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.6334, 12.5952, 12.7789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0534, 12.7479, 10.3659 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(150, 79, 86)` looks like.

```
.text, #text, p{  
    color:rgb(150, 79, 86)  
}
```

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(150, 79, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 79, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.0534, 12.7479, 10.3659 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(150, 79, 86) }
```


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

```
.border{ border-color:rgb(150, 79, 86) }
```

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

Here you see how a box with a 4 pixel rgb(150, 79, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 79, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 79, 86);  
box-shadow:4px 4px 4px 4px rgb(150, 79,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0534, 12.7479, 10.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 79, 86) }
```

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

```
.background{ background-color: rgb(150, 79,  
86) }
```

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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