

Converting Colors

XYZ(17.2985, 13.0568, 12.4567)

Have a look what the booklet for
XYZ(17.2985, 13.0568, 12.4567)
contains.

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Color

**XYZ(17.2207, 13.0070,
12.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	94515F
RGB	148, 81, 95
RGB Percent	58%, 32%, 37%
CMY	0.4196, 0.6823, 0.6274
CMYK	0.00, 0.45, 0.36, 0.42
HSL	347°, 29%, 45%
HSV	347°, 45%, 58%
XYZ	17.2207, 13.0070, 12.4294
YIQ	102.6290, 35.4380, 18.5580

Conversions

Conversions Part 2

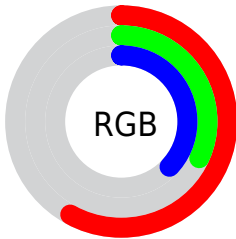
Format	Color
R_{YB}	148, 81, 95
Decimal	9720159
CIE _{Lab}	42.77, 29.59, 4.31
CIE _{LCh}	43, 29.904, 8.295
Yxy	13.0070, 0.4037, 0.3049
Android (android.graphics.Color)	4287910239 (0xFF94515F)
YUV	102.6290, -3.7611, 39.7904
Hunter-Lab	36.0652, 22.1174, 4.8121

Details

The XYZ color **17.2207, 13.0070, 12.4294** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2870, 24.6506, 26.3499**, and the grayscale version is **12.7977, 13.4641, 14.6625**.

A 20% lighter version of the original color is **38.2639, 31.3842, 30.8291**, and **5.8175, 3.7424, 3.3215** is the 20% darker color. If you saturate the color by 10%, you get **15.7455, 10.8453, 9.5064**, and if you desaturate by 10%, it is **19.0163, 15.6814, 15.8542**.

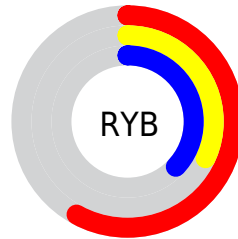
Distribution



Red (58%)

Green (32%)

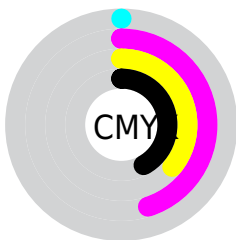
Blue (37%)



Red (58%)

Yellow (32%)

Blue (37%)

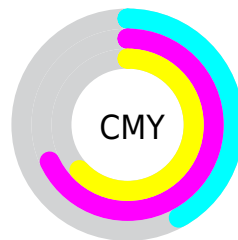


Cyan (0%)

Magenta (45%)

Yellow (36%)

Black (42%)



Cyan (42%)


Magenta (68%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2207, 13.0070, 12.4294 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 17.2207, 13.0070, 12.4294 by changing the saturation by 10% instead.


 17.2207, 13.0070,
12.4294


 17.2207, 13.0070,
12.4294


229.5725,
210.9625, 218.3055


 10.4882, 7.4334,
6.9107


 38.2454, 31.3164,
30.9508


 5.7886, 3.7346,
3.3287

 53.2684, 44.8209,
44.7906


 2.7564, 1.5262,
1.2648

 71.7856, 61.7378,
62.2413

 1.0263, 0.3071,
0.0327

 94.1624, 82.4516,
83.7213

 0.0000, 0.0000,
0.0000

 120.7642,
107.3465, 109.6491

151.9562,

136.8070, 140.4435

188.1039,
171.2176, 176.5227

■ 17.2207, 13.0070,
12.4294

■ 17.2207, 13.0070,
12.4294

■ 15.7455, 10.8453,
9.5064

■ 19.0163, 15.6814,
15.8542

■ 14.5705, 9.1615,
7.0604

■ 21.1489, 18.8966,
19.8024

■ 13.6744, 7.9195,
5.0657


■ 23.6353, 22.6808,
24.2952


■ 13.0329, 7.0770,
3.4936


■ 26.4906, 27.0598,
29.3523


■ 12.6142, 6.5781,
2.3110


■ 29.7294, 32.0579,
34.9927

 12.4590, 6.3944,
1.8683

 33.3650, 37.6978,
41.2342

 37.4106, 44.0011,
48.0940

 41.8783, 50.9887,
55.5886

 46.7801, 58.6802,
63.7337

Harmonies

Analogous

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



16.8928, 13.0070, 19.3239



17.2207, 13.0070, 12.4294



16.1269, 13.0070, 7.7267

Triad

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



17.2207, 13.0070, 12.4294



9.8433, 13.0070, 6.4252



10.8133, 13.0070, 29.2977

Complementary

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



17.2207, 13.0070, 12.4294



18.2870, 24.6506, 26.3499

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.



9.2353, 13.0070, 23.4402



17.2207, 13.0070, 12.4294



8.7250, 13.0070, 10.0131

Square

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



17.2207, 13.0070, 12.4294



11.7418, 13.0070, 5.0258



8.5169, 13.0070, 16.0495



13.0052, 13.0070, 30.5453

Rectangle

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



17.2207, 13.0070, 12.4294



14.8093, 13.0070, 5.9493



8.5169, 13.0070, 16.0495



10.2017, 13.0070, 27.7319

Sweetspot

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



17.2211, 13.0076, 12.4296



42.1716, 40.7349, 43.7042



18.0375, 13.0497, 29.5851



9.4142, 8.9740, 9.5965



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.



17.2211, 13.0076, 12.4296



27.8265, 19.2002, 16.8631



18.2540, 16.0018, 9.9120



5.8474, 5.8340, 6.3027



10.6506, 5.4653, 1.6409



0.1394, 0.0705, 0.0675

Inverse Universe

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



17.2211, 13.0076, 12.4296



27.8265, 19.2002, 16.8631



16.5916, 19.5929, 30.9242



5.8474, 5.8340, 6.3027



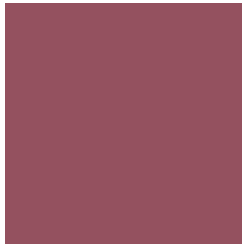
10.6506, 5.4653, 1.6409



0.1394, 0.0705, 0.0675

Previews

White Background



This preview shows how the XYZ color 17.2207, 13.0070, 12.4294 looks on a white background.

Color Contrast Check

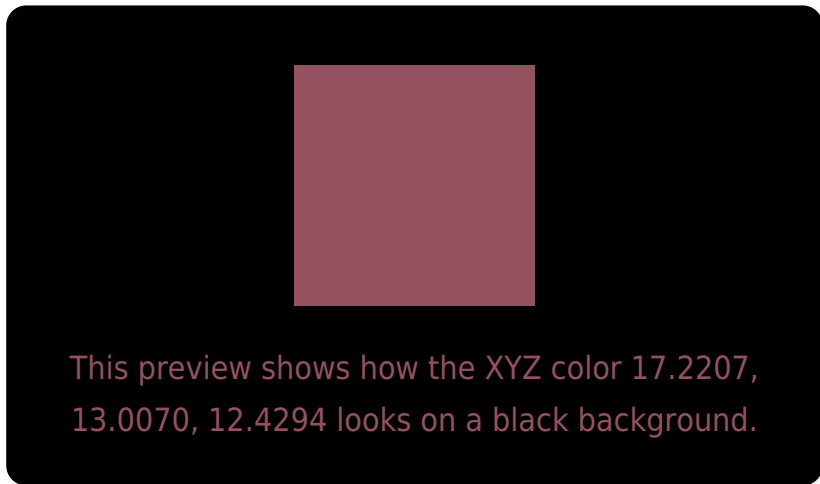
Large Text (above 18pt) WCAG AA ✓ Pass

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

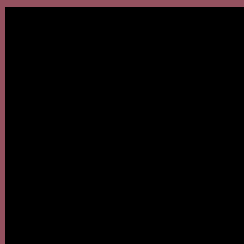
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2207, 13.0070, 12.4294

Background



This preview shows how black text looks on a background with the XYZ color 17.2207, 13.0070, 12.4294.



This preview shows how white text looks on a background with the XYZ color 17.2207, 13.0070,

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

17.2207, 13.0070, 12.4294

Protanopia

12.7347, 13.1727, 15.5071

Deuteranopia

13.3697, 13.1529, 11.9593



Tritanopia

16.8114, 12.9422, 10.8446

Trichromacy



Original Color

17.2207, 13.0070, 12.4294

Protanomaly

14.0087, 12.8867, 14.3194

Deuteranomaly

14.5553, 12.9566, 12.0897

Tritanomaly

16.9382, 12.9930, 11.5127

Monochromacy



Original Color

17.2207, 13.0070, 12.4294

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.0002, 13.0265, 13.8331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2207, 13.0070, 12.4294 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(148, 81, 95)` looks like.

```
.text, #text, p{  
    color:rgb(148, 81, 95)  
}
```

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(148, 81, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 81, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.2207, 13.0070, 12.4294 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(148, 81, 95) }
```


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

```
.border{ border-color:rgb(148, 81, 95) }
```

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

Here you see how a box with a 4 pixel rgb(148, 81, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 81, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 81, 95);  
box-shadow:4px 4px 4px 4px rgb(148, 81,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2207, 13.0070, 12.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 81, 95) }
```

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

```
.background{ background-color: rgb(148, 81,  
95) }
```

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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