

Converting Colors

XYZ(17.5041, 13.1203, 13.9218)

Have a look what the booklet for
XYZ(17.5041, 13.1203, 13.9218)
contains.

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Color

**XYZ(17.5041, 13.1203,
13.9218)**

Conversions

Conversions Part 1

Format	Color
Hex	945165
RGB	148, 81, 101
RGB Percent	58%, 32%, 40%
CMY	0.4196, 0.6823, 0.6039
CMYK	0.00, 0.45, 0.32, 0.42
HSL	342°, 29%, 45%
HSV	342°, 45%, 58%
XYZ	17.5041, 13.1203, 13.9218
YIQ	103.3130, 33.5120, 20.4240

Conversions

Conversions Part 2

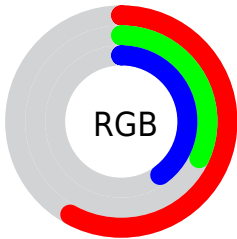
Format	Color
R_{YB}	148, 81, 101
Decimal	9720165
CIE _{Lab}	42.94, 30.40, 0.87
CIE _{LCh}	43, 30.414, 1.640
Yxy	13.1203, 0.3929, 0.2945
Android (android.graphics.Color)	4287910245 (0xFF945165)
YUV	103.3130, -1.1403, 39.1905
Hunter-Lab	36.2220, 22.8709, 2.5674

Details

The XYZ color **17.5041, 13.1203, 13.9218** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8801, 24.4879, 24.2076**, and the grayscale version is **12.9720, 13.6476, 14.8622**.

A 20% lighter version of the original color is **38.8206, 31.6069, 33.7604**, and **5.9290, 3.7870, 3.9085** is the 20% darker color. If you saturate the color by 10%, you get **16.0448, 10.9650, 11.0821**, and if you desaturate by 10%, it is **19.2681, 15.7821, 17.1805**.

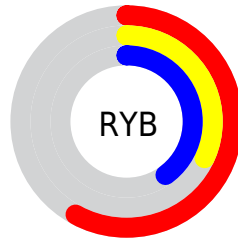
Distribution



Red (58%)

Green (32%)

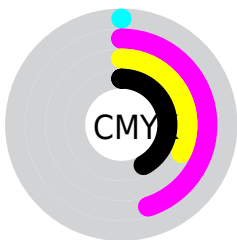
Blue (40%)



Red (58%)

Yellow (32%)

Blue (40%)

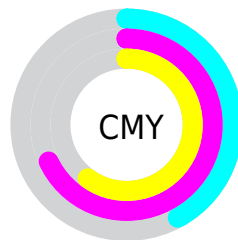


Cyan (0%)

Magenta (45%)

Yellow (32%)

Black (42%)



Cyan (42%)


Magenta (68%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5041, 13.1203, 13.9218 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 17.5041, 13.1203, 13.9218 by changing the saturation by 10% instead.


 17.5041, 13.1203,
13.9218


 17.5041, 13.1203,
13.9218


231.1609,
211.6872, 228.1553


 10.6921, 7.5114,
7.9282


 38.7272, 31.5197,
33.6653


 5.9259, 3.7840,
3.9619

 53.8691, 45.0791,
48.2523


 2.8403, 1.5535,
1.6045

 72.5182, 62.0574,
66.5408

 1.0699, 0.3259,
0.2940

 95.0400, 82.8391,
88.9494

 0.0000, 0.0000,
0.0000

 121.7998,
107.8085, 115.8966

153.1630,

137.3501, 147.8010

189.4949,
171.8482, 185.0810

■ 17.5041, 13.1203,
13.9218

■ 17.5041, 13.1203,
13.9218

■ 16.0448, 10.9650,
11.0821

■ 19.2681, 15.7821,
17.1805

■ 14.8710, 9.2817,
8.6428

■ 21.3524, 18.9779,
20.8740

■ 13.9629, 8.0349,
6.5850

■ 23.7726, 22.7356,
25.0185

■ 13.2976, 7.1829,
4.8875

■ 26.5431, 27.0807,
29.6288

■ 12.8450, 6.6704,
3.5259

■ 29.6774, 32.0370,
34.7191

■ 12.6707, 6.4791,
2.9828

■ 33.1882, 37.6269,
40.3031

■ 37.0877, 43.8718,
46.3937

■ 41.3874, 50.7922,
53.0036

■ 46.0985, 58.4074,
60.1448

Harmonies

Analogous

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



16.8411, 13.1203, 21.2853



17.5041, 13.1203, 13.9218



16.6850, 13.1203, 8.5585

Triad

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



17.5041, 13.1203, 13.9218



10.2656, 13.1203, 5.9121



10.4618, 13.1203, 28.8057

Complementary

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



17.5041, 13.1203, 13.9218



17.8801, 24.4879, 24.2076

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.



9.0331, 13.1203, 22.1256



17.5041, 13.1203, 13.9218



8.9301, 13.1203, 9.0184

Square

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



17.5041, 13.1203, 13.9218



12.3427, 13.1203, 4.9179



8.5081, 13.1203, 14.6560



12.5991, 13.1203, 31.3242

Rectangle

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



17.5041, 13.1203, 13.9218



15.4614, 13.1203, 6.4041



8.5081, 13.1203, 14.6560



9.8925, 13.1203, 26.8877

Sweetspot

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



17.5045, 13.1209, 13.9221



42.4007, 40.8266, 44.9107



17.1753, 12.6051, 29.5448



9.4725, 8.9973, 9.9035



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.



17.5045, 13.1209, 13.9221



28.3542, 19.4113, 19.6421



17.7368, 14.9673, 9.7395



5.8678, 5.8422, 6.4100



10.8336, 5.5385, 2.6050



0.1444, 0.0725, 0.0938

Inverse Universe

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



17.5045, 13.1209, 13.9221



28.3542, 19.4113, 19.6421



17.3474, 21.1044, 31.1762



5.8678, 5.8422, 6.4100



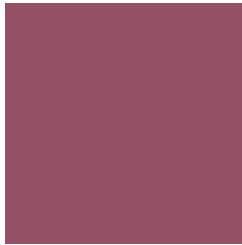
10.8336, 5.5385, 2.6050



0.1444, 0.0725, 0.0938

Previews

White Background



This preview shows how the XYZ color 17.5041, 13.1203, 13.9218 looks on a white background.

Color Contrast Check

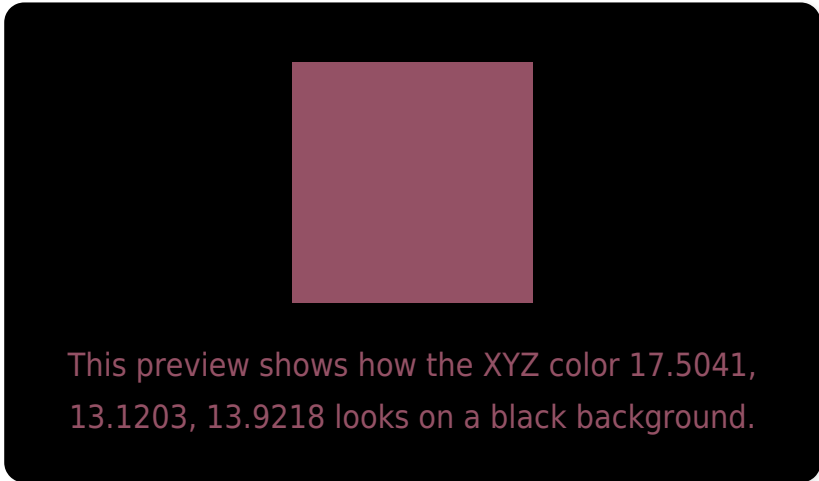
Large Text (above 18pt) WCAG AA ✓ Pass

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

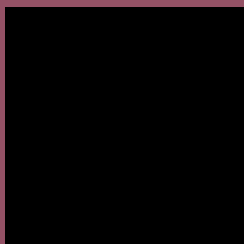
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5041, 13.1203, 13.9218

Background



This preview shows how black text looks on a background with the XYZ color 17.5041, 13.1203, 13.9218.



This preview shows how white text looks on a background with the XYZ color 17.5041, 13.1203,

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

17.5041, 13.1203, 13.9218

Protanopia

12.8898, 13.2089, 17.4930

Deuteranopia

13.4765, 13.3162, 13.4153



Tritanopia

16.9291, 13.1108, 11.0896

Trichromacy



Original Color

17.5041, 13.1203, 13.9218

Protanomaly

14.0991, 12.8914, 16.2132

Deuteranomaly

14.6835, 12.9908, 13.5379

Tritanomaly

17.0257, 13.0279, 11.9732

Monochromacy



Original Color

17.5041, 13.1203, 13.9218

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.0982, 13.0657, 14.3492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5041, 13.1203, 13.9218 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(148, 81, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 81, 101) }
```

Border

The CSS property to change the border of an element to XYZ 17.5041, 13.1203, 13.9218 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, 101) }
```


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

```
.border{ border-color:rgb(148, 81, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 81, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 81, 101);  
box-shadow:4px 4px 4px 4px rgb(148, 81,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5041, 13.1203, 13.9218 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, 101) }
```

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

```
.background{ background-color: rgb(148, 81,  
101) }
```

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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