

Converting Colors

XYZ(19.1559, 13.7892, 17.6613)

Have a look what the booklet for
XYZ(19.1559, 13.7892, 17.6613)
contains.

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Color

**XYZ(19.0428, 13.7245,
17.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	995072
RGB	153, 80, 114
RGB Percent	60%, 31%, 45%
CMY	0.4000, 0.6863, 0.5529
CMYK	0.00, 0.48, 0.25, 0.40
HSL	332°, 31%, 46%
HSV	332°, 48%, 60%
XYZ	19.0428, 13.7245, 17.5650
YIQ	105.7030, 32.5940, 26.0500

Conversions

Conversions Part 2

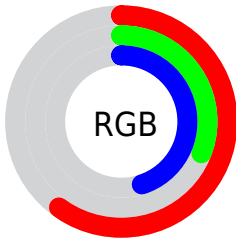
Format	Color
RYB	153, 80, 114
Decimal	10047602
CIELab	43.84, 34.66, -5.71
CIELCh	44, 35.130, 350.645
Yxy	13.7245, 0.3783, 0.2727
Android (android.graphics.Color)	4288237682 (0xFF995072)
YUV	105.7030, 4.0904, 41.4795
Hunter-Lab	37.0466, 26.9216, -2.1787

Details

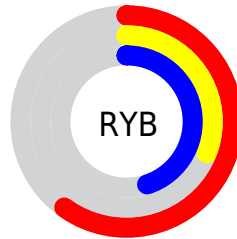
The XYZ color **19.0428, 13.7245, 17.5650** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **18.0299, 25.8203, 21.4875**, and the grayscale version is **13.6017, 14.3100, 15.5836**.

A 20% lighter version of the original color is **41.2937, 32.5411, 40.1810**, and **6.7289, 4.0826, 5.5876** is the 20% darker color. If you saturate the color by 10%, you get **17.6028, 11.5560, 14.8911**, and if you desaturate by 10%, it is **20.7803, 16.4211, 20.5436**.

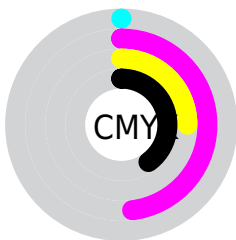
Distribution



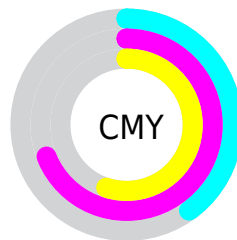
- Red (60%)
- Green (31%)
- Blue (45%)



- Red (60%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0428, 13.7245, 17.5650 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 19.0428, 13.7245, 17.5650 by changing the saturation by 10% instead.

■ 19.0428, 13.7245,
17.5650

■ 19.0428, 13.7245,
17.5650

239.6185,
215.5101, 250.5608

■ 11.8054, 7.9293,
10.4719

■ 41.3227, 32.5994,
40.0986

■ 6.6826, 4.0497,
5.6033

■ 57.0960, 46.4479,
56.3761

■ 3.3089, 1.7014,
2.5405

■ 76.4452, 63.7496,
76.5523

■ 1.3192, 0.4246,
0.8615

■ 99.7357, 84.8889,
101.0456

■ 0.1975, 0.0000,
0.0000

■ 127.3330,
110.2502, 130.2746

■ 0.0000, 0.0000,
0.0000

159.6023,

140.2179, 164.6577

196.9090,
175.1764, 204.6136

■ 19.0428, 13.7245,
17.5650

■ 19.0428, 13.7245,
17.5650

■ 17.6028, 11.5560,
14.8911

■ 20.7803, 16.4211,
20.5436

■ 16.4404, 9.8782,
12.5094

■ 22.8310, 19.6761,
23.8368

■ 15.5352, 8.6517,
10.4078


■ 25.2110, 23.5197,
27.4550


■ 14.8631, 7.8301,
8.5723


■ 27.9348, 27.9795,
31.4079


■ 14.3819, 7.3312,
6.9827


■ 31.0159, 33.0811,
35.7048

 14.2825, 7.2306,
6.6474

 34.4673, 38.8490,
40.3543

 38.3012, 45.3060,
45.3649

 42.5292, 52.4741,
50.7449

 47.1626, 60.3743,
56.5019

Harmonies

Analogous

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



17.6157, 13.7245, 26.8649



19.0428, 13.7245, 17.5650



18.6957, 13.7245, 10.1816

Triad

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



19.0428, 13.7245, 17.5650



11.2541, 13.7245, 4.7267



9.9481, 13.7245, 30.1286

Complementary

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



19.0428, 13.7245, 17.5650



18.0299, 25.8203, 21.4875

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.



8.6654, 13.7245, 20.9982



19.0428, 13.7245, 17.5650



9.3419, 13.7245, 7.2030

Square

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



19.0428, 13.7245, 17.5650



13.9305, 13.7245, 4.3749



8.4604, 13.7245, 12.5970



12.1973, 13.7245, 35.6344

Rectangle

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



19.0428, 13.7245, 17.5650



17.5216, 13.7245, 7.0424



8.4604, 13.7245, 12.5970



9.4038, 13.7245, 27.2561

Sweetspot

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



19.0432, 13.7252, 17.5653



46.7539, 44.7363, 51.5306



16.2176, 11.9552, 31.5900



10.1166, 9.5403, 11.0745



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.0432, 13.7252, 17.5653



31.4280, 20.5532, 26.4802



17.6354, 13.4523, 9.2573



6.3225, 6.2682, 7.0784



11.8208, 5.9825, 5.5812



0.1949, 0.0967, 0.1789

Inverse Universe

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



19.0432, 13.7252, 17.5653



31.4280, 20.5532, 26.4802



20.0555, 25.9997, 34.0986



6.3225, 6.2682, 7.0784



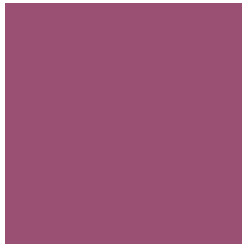
11.8208, 5.9825, 5.5812



0.1949, 0.0967, 0.1789

Previews

White Background



This preview shows how the XYZ color 19.0428, 13.7245, 17.5650 looks on a white background.

Color Contrast Check

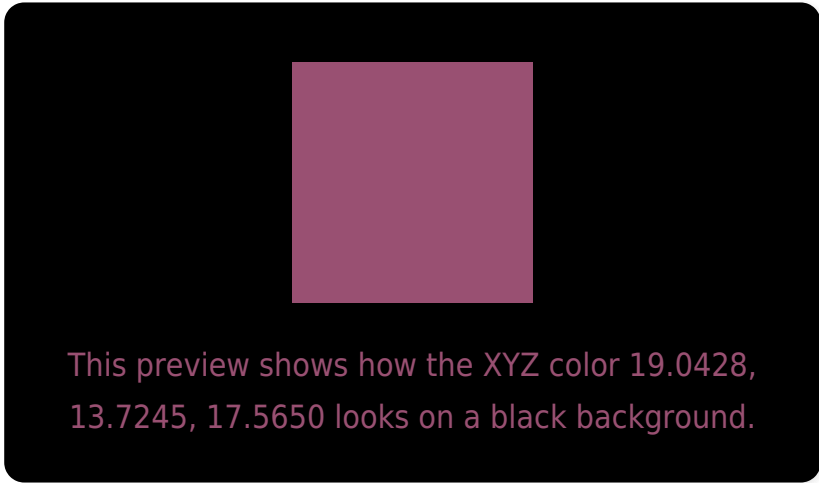
Large Text (above 18pt) WCAG AA ✓ Pass

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

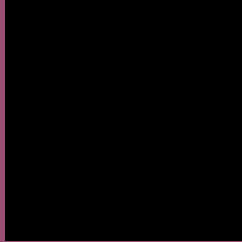
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0428, 13.7245, 17.5650

Background



This preview shows how black text looks on a background with the XYZ color 19.0428, 13.7245, 17.5650.



This preview shows how white text looks on a background with the XYZ color 19.0428, 13.7245,

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

19.0428, 13.7245, 17.5650

Protanopia

13.8497, 13.8821, 22.7184

Deuteranopia

14.0237, 13.8127, 16.6788



Tritanopia

17.8993, 13.8316, 11.6239

Trichromacy



Original Color

19.0428, 13.7245, 17.5650

Protanomaly

15.2015, 13.4912, 20.8716

Deuteranomaly

15.3878, 13.4120, 16.8167

Tritanomaly

18.2943, 13.7628, 13.4966

Monochromacy



Original Color

19.0428, 13.7245, 17.5650

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.2034, 13.8645, 16.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0428, 13.7245, 17.5650 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(153, 80, 114)` looks like.

```
.text, #text, p{  
  color:rgb(153, 80, 114)  
}
```

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(153, 80, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 80, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.0428, 13.7245, 17.5650 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(153, 80, 114) }
```


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

```
.border{ border-color:rgb(153, 80, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 80, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 80, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 80, 114);  
box-shadow:4px 4px 4px 4px rgb(153, 80,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0428, 13.7245, 17.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 80, 114) }
```

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

```
.background{ background-color: rgb(153, 80,  
114) }
```

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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