

Converting Colors

XYZ(17.0859, 13.1604, 12.0924)

Have a look what the booklet for
XYZ(17.0859, 13.1604, 12.0924)
contains.

XYZ(17.1017, 13.1799, 11.9985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1017, 13.1799,
11.9985)**

Conversions

Conversions Part 1

Format	Color
Hex	93535D
RGB	147, 83, 93
RGB Percent	58%, 33%, 36%
CMY	0.4235, 0.6745, 0.6353
CMYK	0.00, 0.44, 0.37, 0.42
HSL	351°, 28%, 45%
HSV	351°, 44%, 58%
XYZ	17.1017, 13.1799, 11.9985
YIQ	103.2760, 34.9340, 16.6780

Conversions

Conversions Part 2

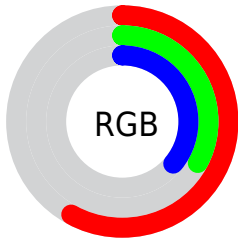
Format	Color
R _Y B	147, 83, 93
Decimal	9655133
CIE Lab	43.03, 27.82, 5.90
CIE LCh	43, 28.439, 11.965
Yxy	13.1799, 0.4045, 0.3117
Android (android.graphics.Color)	4287845213 (0xFF93535D)
YUV	103.2760, -5.0661, 38.3459
Hunter-Lab	36.3041, 20.5533, 5.8176

Details

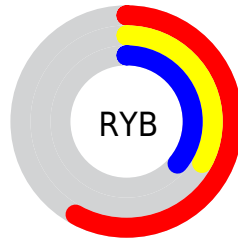
The XYZ color **17.1017, 13.1799, 11.9985** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5171, 24.5130, 27.4240**, and the grayscale version is **12.9721, 13.6477, 14.8623**.

A 20% lighter version of the original color is **38.1116, 31.7299, 30.1024**, and **5.7601, 3.8467, 3.1282** is the 20% darker color. If you saturate the color by 10%, you get **15.5884, 10.9623, 8.9998**, and if you desaturate by 10%, it is **18.9434, 15.9114, 15.5466**.

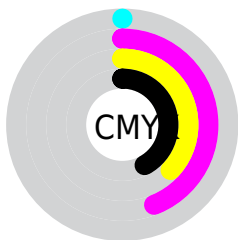
Distribution



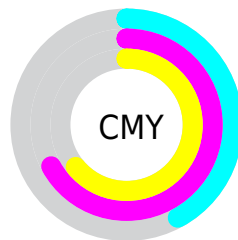
- Red (58%)
- Green (33%)
- Blue (36%)



- Red (58%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (37%)
- Black (42%)





- Cyan (42%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1017, 13.1799, 11.9985 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 17.1017, 13.1799, 11.9985 by changing the saturation by 10% instead.


 17.1017, 13.1799,
11.9985


 17.1017, 13.1799,
11.9985


228.9026,
212.0674, 215.3729

 10.4028, 7.5525,
6.6201


 38.0428, 31.6266,
30.1567


 5.7311, 3.8100,
3.1509

 53.0156, 45.2147,
43.7737


 2.7214, 1.5679,
1.1722

 71.4771, 62.2253,
60.9739

 1.0082, 0.3358,
0.0000

 93.7927, 83.0426,
82.1759

 0.0000, 0.0000,
0.0000

 120.3277,
108.0510, 107.7983

151.4474,

137.6351, 138.2595

187.5173,
172.1791, 173.9782

■ 17.1017, 13.1799,
11.9985

■ 17.1017, 13.1799,
11.9985

■ 15.5884, 10.9623,
8.9998

■ 18.9434, 15.9114,
15.5466

■ 14.3828, 9.2244,
6.5222

■ 21.1302, 19.1843,
19.6691

■ 13.4637, 7.9313,
4.5356


■ 23.6790, 23.0262,
24.3903


■ 12.8067, 7.0420,
3.0070


■ 26.6055, 27.4624,
29.7329


■ 12.3829, 6.5082,
1.8986


■ 29.9240, 32.5169,
35.7183

 12.1869, 6.2648,
1.3755

 33.6485, 38.2119,
42.3671

 37.7921, 44.5689,
49.6988

 42.3673, 51.6082,
57.7321

 47.3862, 59.3493,
66.4851

Harmonies

Analogous

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



16.9604, 13.1799, 18.4063



17.1017, 13.1799, 11.9985



15.9169, 13.1799, 7.7163

Triad

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



17.1017, 13.1799, 11.9985



9.9232, 13.1799, 7.1359



11.2712, 13.1799, 29.0968

Complementary

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



17.1017, 13.1799, 11.9985



18.5171, 24.5130, 27.4240

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.



9.6564, 13.1799, 23.9907



17.1017, 13.1799, 11.9985



8.9426, 13.1799, 10.9394

Square

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



17.1017, 13.1799, 11.9985



11.6763, 13.1799, 5.5064



8.8510, 13.1799, 16.9918



13.4182, 13.1799, 29.6281

Rectangle

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



17.1017, 13.1799, 11.9985



14.6068, 13.1799, 6.1363



8.8510, 13.1799, 16.9918



10.6548, 13.1799, 27.8022

Sweetspot

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



17.1021, 13.1806, 11.9988



42.5369, 41.4349, 43.9206



18.5678, 13.5560, 29.2418



9.4842, 9.1170, 9.6100



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.



17.1021, 13.1806, 11.9988



28.0301, 19.7971, 16.3461



18.5784, 16.7961, 10.4473



5.8356, 5.8293, 6.2402



10.5718, 5.4338, 1.2261



0.1364, 0.0693, 0.0519

Inverse Universe

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



17.1021, 13.1806, 11.9988



28.0301, 19.7971, 16.3461



16.2526, 18.7828, 30.3727



5.8356, 5.8293, 6.2402



10.5718, 5.4338, 1.2261



0.1364, 0.0693, 0.0519

Previews

White Background



This preview shows how the XYZ color 17.1017, 13.1799, 11.9985 looks on a white background.

Color Contrast Check

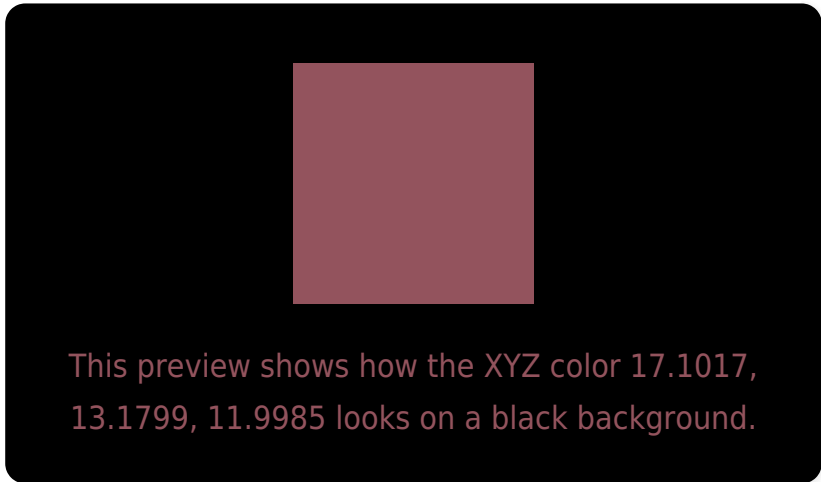
Large Text (above 18pt) WCAG AA ✓ Pass

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

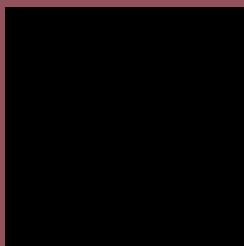
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1017, 13.1799, 11.9985

Background



This preview shows how black text looks on a background with the XYZ color 17.1017, 13.1799, 11.9985.



This preview shows how white text looks on a background with the XYZ color 17.1017, 13.1799, 11.9985.

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

17.1017, 13.1799, 11.9985

Protanopia

12.9085, 13.4251, 14.7429

Deuteranopia

13.4156, 13.1866, 11.5110



Tritanopia

17.0484, 13.2819, 11.3380

Trichromacy



Original Color

17.1017, 13.1799, 11.9985

Protanomaly

14.0901, 13.0783, 13.5861

Deuteranomaly

14.5551, 13.0961, 11.6582

Tritanomaly

17.0913, 13.2990, 11.5637

Monochromacy



Original Color

17.1017, 13.1799, 11.9985

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.0428, 13.1885, 13.6099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1017, 13.1799, 11.9985 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(147, 83, 93)` looks like.

```
.text, #text, p{  
    color:rgb(147, 83, 93)  
}
```

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(147, 83, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 83, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.1017, 13.1799, 11.9985 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(147, 83, 93) }
```


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

```
.border{ border-color:rgb(147, 83, 93) }
```

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

Here you see how a box with a 4 pixel rgb(147, 83, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 83, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 83, 93);  
box-shadow:4px 4px 4px 4px rgb(147, 83,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1017, 13.1799, 11.9985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 83, 93) }
```

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

```
.background{ background-color: rgb(147, 83,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor