

Converting Colors

XYZ(19.7385, 15.2401, 12.7278)

Have a look what the booklet for
XYZ(19.7385, 15.2401, 12.7278)
contains.

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Color

**XYZ(19.7385, 15.2401,
12.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	9E595F
RGB	158, 89, 95
RGB Percent	62%, 35%, 37%
CMY	0.3804, 0.6510, 0.6274
CMYK	0.00, 0.44, 0.40, 0.38
HSL	355°, 28%, 48%
HSV	355°, 44%, 62%
XYZ	19.7385, 15.2401, 12.7278
YIQ	110.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

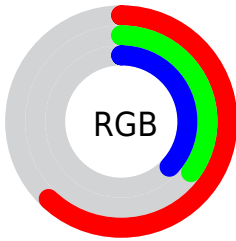
Format	Color
R _Y B	158, 89, 95
Decimal	10377567
CIE Lab	45.96, 29.02, 9.04
CIE LCh	46, 30.394, 17.303
Yxy	15.2401, 0.4137, 0.3195
Android (android.graphics.Color)	4288567647 (0xFF9E595F)
YUV	110.3150, -7.5503, 41.8197
Hunter-Lab	39.0386, 21.9348, 7.9966

Details

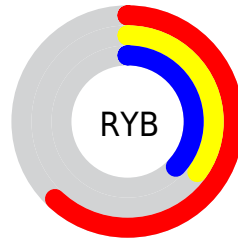
The XYZ color **19.7385, 15.2401, 12.7278** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0149, 28.8449, 34.1147**, and the grayscale version is **14.9251, 15.7023, 17.0998**.

A 20% lighter version of the original color is **42.5132, 35.2476, 31.3508**, and **7.0562, 4.7507, 3.4508** is the 20% darker color. If you saturate the color by 10%, you get **17.9658, 12.6488, 9.1956**, and if you desaturate by 10%, it is **21.9156, 18.4459, 16.9943**.

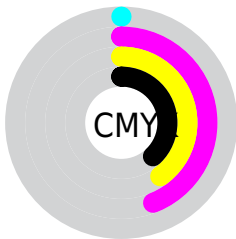
Distribution



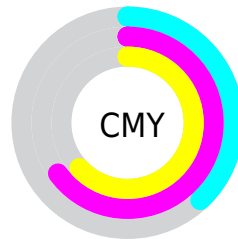
- Red (62%)
- Green (35%)
- Blue (37%)



- Red (62%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7385, 15.2401, 12.7278 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 19.7385, 15.2401, 12.7278 by changing the saturation by 10% instead.

■ 19.7385, 15.2401,
12.7278

■ 19.7385, 15.2401,
12.7278

243.3566,
224.8149, 220.3119

■ 12.3123, 8.9881,
7.1129

■ 42.4856, 35.2738,
31.4979

■ 7.0304, 4.7334,
3.4533

■ 58.5372, 49.8243,
45.4901

■ 3.5276, 2.0917,
1.3305

■ 78.1946, 67.9098,
63.1118

■ 1.4385, 0.6600,
0.0866

■ 101.8232, 89.9145,
84.7816

■ 0.2834, 0.0000,
0.0000

■ 129.7884,
116.2231, 110.9179

■ 0.0000, 0.0000,
0.0000

162.4554,

147.2197, 141.9394

200.1897,
183.2888, 178.2646

■ 19.7385, 15.2401,
12.7278

■ 19.7385, 15.2401,
12.7278

■ 17.9658, 12.6488,
9.1956

■ 21.9156, 18.4459,
16.9943

■ 16.5715, 10.6306,
6.3555

■ 24.5189, 22.2995,
22.0325

■ 15.5281, 9.1425,
4.1621


■ 27.5696, 26.8347,
27.8783


■ 14.8042, 8.1347,
2.5644


■ 31.0877, 32.0823,
34.5648


■ 14.3625, 7.5476,
1.5035


■ 35.0916, 38.0711,
42.1237

 14.1780, 7.3001,
1.0678

 39.5988, 44.8283,
50.5847

 44.6259, 52.3797,
59.9762

 50.1889, 60.7502,
70.3254

 56.3029, 69.9632,
81.6584

Harmonies

Analogous

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



19.8652, 15.2401, 19.9057



19.7385, 15.2401, 12.7278



18.1043, 15.2401, 8.2094

Triad

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



19.7385, 15.2401, 12.7278



11.1461, 15.2401, 8.7232



13.4252, 15.2401, 34.6006

Complementary

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



19.7385, 15.2401, 12.7278



22.0149, 28.8449, 34.1147

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.



11.3838, 15.2401, 29.3315



19.7385, 15.2401, 12.7278



10.1766, 15.2401, 13.6714

Square

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



19.7385, 15.2401, 12.7278



13.0636, 15.2401, 6.4120



10.2581, 15.2401, 21.1729



16.0065, 15.2401, 34.1220

Rectangle

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



19.7385, 15.2401, 12.7278



16.4785, 15.2401, 6.6570



10.2581, 15.2401, 21.1729



12.6596, 15.2401, 33.3901

Sweetspot

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



19.7389, 15.2409, 12.7281



50.3138, 49.1003, 51.0988



22.5255, 16.2031, 34.2880



11.0629, 10.6522, 10.9850



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.7389, 15.2409, 12.7281



32.8144, 23.2446, 17.0783



22.2190, 20.6206, 12.2613



6.6553, 6.6550, 7.0360



11.3620, 5.8494, 0.8913



0.2092, 0.1070, 0.0478

Inverse Universe

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



19.7389, 15.2409, 12.7281



32.8144, 23.2446, 17.0783



18.3280, 20.6651, 35.3705



6.6553, 6.6550, 7.0360



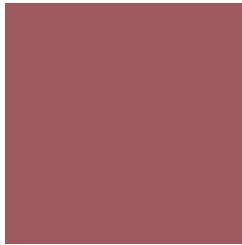
11.3620, 5.8494, 0.8913



0.2092, 0.1070, 0.0478

Previews

White Background



This preview shows how the XYZ color 19.7385, 15.2401, 12.7278 looks on a white background.

Color Contrast Check

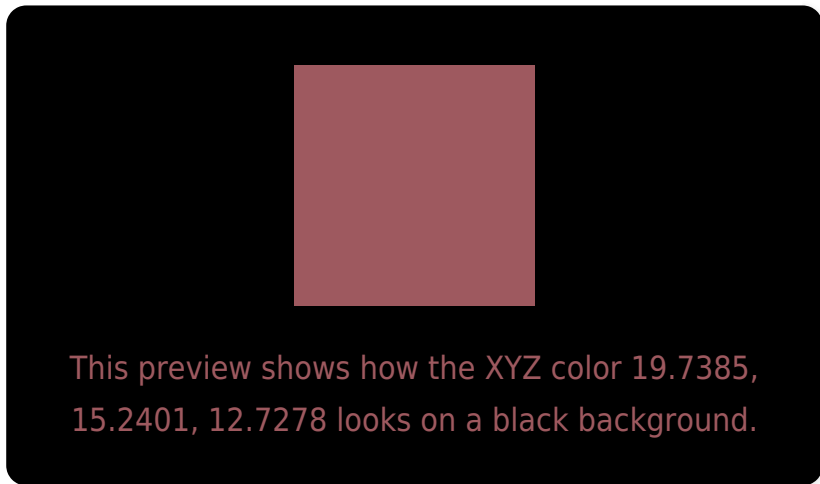
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7385, 15.2401, 12.7278

Background



This preview shows how black text looks on a background with the XYZ color 19.7385, 15.2401, 12.7278.



This preview shows how white text looks on a background with the XYZ color 19.7385, 15.2401,

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

19.7385, 15.2401, 12.7278

Protanopia

14.7005, 15.4019, 15.5627

Deuteranopia

15.5875, 15.3115, 12.2591



Tritanopia

19.7385, 15.2401, 12.7278

Trichromacy



Original Color

19.7385, 15.2401, 12.7278

Protanomaly

16.1536, 15.1095, 14.3769

Deuteranomaly

16.9189, 15.1173, 12.3821

Tritanomaly

19.7385, 15.2401, 12.7278

Monochromacy



Original Color

19.7385, 15.2401, 12.7278

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.0536, 15.0347, 15.4205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7385, 15.2401, 12.7278 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(158, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(158, 89, 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(158, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 89, 95) }
```

Border

The CSS property to change the border of an element to XYZ 19.7385, 15.2401, 12.7278 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(158, 89, 95) }
```


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

```
.border{ border-color:rgb(158, 89, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 89, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(158, 89,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7385, 15.2401, 12.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 89, 95) }
```

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

```
.background{ background-color: rgb(158, 89,  
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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