

Converting Colors

XYZ(17.7445, 11.2292, 12.1307)

Have a look what the booklet for
XYZ(17.7445, 11.2292, 12.1307)
contains.

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Color

**XYZ(17.7301, 11.2233,
12.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3B5F
RGB	158, 59, 95
RGB Percent	62%, 23%, 37%
CMY	0.3804, 0.7686, 0.6274
CMYK	0.00, 0.63, 0.40, 0.38
HSL	338°, 46%, 43%
HSV	338°, 63%, 62%
XYZ	17.7301, 11.2233, 12.0583
YIQ	92.7050, 47.4480, 32.1840

Conversions

Conversions Part 2

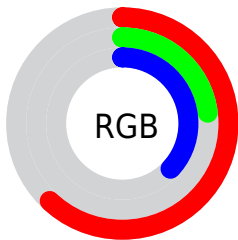
Format	Color
R _Y B	158, 59, 95
Decimal	10369887
CIE Lab	39.95, 44.51, 0.43
CIE LCh	40, 44.510, 0.551
Yxy	11.2233, 0.4323, 0.2737
Android (android.graphics.Color)	4288559967 (0xFF9E3B5F)
YUV	92.7050, 1.1314, 57.2637
Hunter-Lab	33.5012, 35.8419, 2.1102

Details

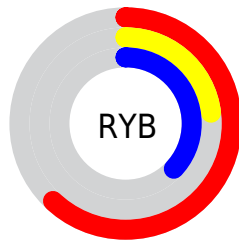
The XYZ color **17.7301, 11.2233, 12.0583** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.5441, 26.7890, 22.6604**, and the grayscale version is **10.3260, 10.8638, 11.8307**.

A 20% lighter version of the original color is **39.1142, 28.0121, 30.1334**, and **6.0339, 3.0465, 3.1757** is the 20% darker color. If you saturate the color by 10%, you get **16.6095, 9.6669, 9.5734**, and if you desaturate by 10%, it is **19.1562, 13.2961, 14.9363**.

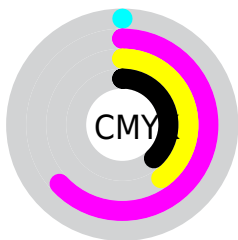
Distribution



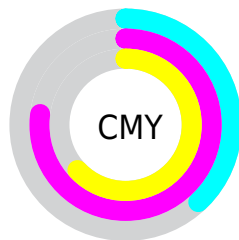
- Red (62%)
- Green (23%)
- Blue (37%)



- Red (62%)
- Yellow (23%)
- Blue (37%)



- Cyan (0%)
- Magenta (63%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (77%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7301, 11.2233, 12.0583 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 17.7301, 11.2233, 12.0583 by changing the saturation by 10% instead.

■ 17.7301, 11.2233,
12.0583

■ 17.7301, 11.2233,
12.0583

232.4204,
199.1932, 215.7825

■ 10.8549, 6.2172,
6.6604

■ 39.1106, 28.0724,
30.2672

■ 6.0359, 2.9776,
3.1754

■ 54.3466, 40.6841,
43.9153

■ 2.9078, 1.1201,
1.1849

■ 73.1002, 56.5999,
61.1505

■ 1.1052, 0.0000,
0.0000

■ 95.7368, 76.2042,
82.3914

■ 0.0295, 0.0000,
0.0000

■ 122.6218, 99.8812,
108.0565

■ 0.0000, 0.0000,
0.0000

■ 154.1205,

128.0155, 138.5643

190.5983,
160.9913, 174.3335

■ 17.7301, 11.2233,
12.0583

■ 17.7301, 11.2233,
12.0583

■ 16.6095, 9.6669,
9.5734

■ 19.1562, 13.2961,
14.9363

■ 15.7681, 8.5782,
7.4616

■ 20.9089, 15.9245,
18.2248

■ 15.1767, 7.9023,
5.7014

■ 23.0088, 19.1460,
21.9404

■ 14.8503, 7.5690,
4.6081

■ 25.4742, 22.9944,
26.0990

■ 28.3221, 27.5007,
30.7152

■ 31.5684, 32.6941,
35.8031

■ 35.2283, 38.6018,
41.3760

■ 39.3159, 45.2497,
47.4469

■ 43.8448, 52.6624,
54.0281

Harmonies

Analogous

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



16.6811, 11.2233, 22.5652



17.7301, 11.2233, 12.0583



16.6047, 11.2233, 5.4813

Triad

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



17.7301, 11.2233, 12.0583



7.9381, 11.2233, 2.6750



8.0192, 11.2233, 33.6594

Complementary

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



17.7301, 11.2233, 12.0583



17.5441, 26.7890, 22.6604

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.



6.3468, 11.2233, 22.9920



17.7301, 11.2233, 12.0583



6.3067, 11.2233, 5.6480

Square

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



17.7301, 11.2233, 12.0583



10.6107, 11.2233, 1.9098



5.7845, 11.2233, 12.3837



10.7243, 11.2233, 38.1373

Rectangle

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



17.7301, 11.2233, 12.0583



14.8773, 11.2233, 3.2598



5.7845, 11.2233, 12.3837



7.3376, 11.2233, 30.4875

Sweetspot

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



17.7304, 11.2239, 12.0585



47.8809, 44.3100, 50.0550



15.7198, 9.7131, 33.3940



10.4922, 9.5128, 10.7888



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.



17.7304, 11.2239, 12.0585



29.5233, 16.7064, 15.8459



17.2208, 12.2463, 5.5946



6.7278, 6.6840, 7.4175



11.9112, 6.0690, 3.7833



0.2324, 0.1163, 0.1699

Inverse Universe

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



17.7304, 11.2239, 12.0585



29.5233, 16.7064, 15.8459



18.0705, 23.5886, 35.9484



6.7278, 6.6840, 7.4175



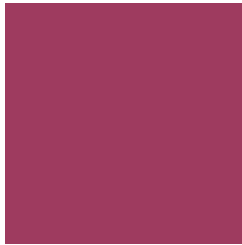
11.9112, 6.0690, 3.7833



0.2324, 0.1163, 0.1699

Previews

White Background



This preview shows how the XYZ color 17.7301, 11.2233, 12.0583 looks on a white background.

Color Contrast Check

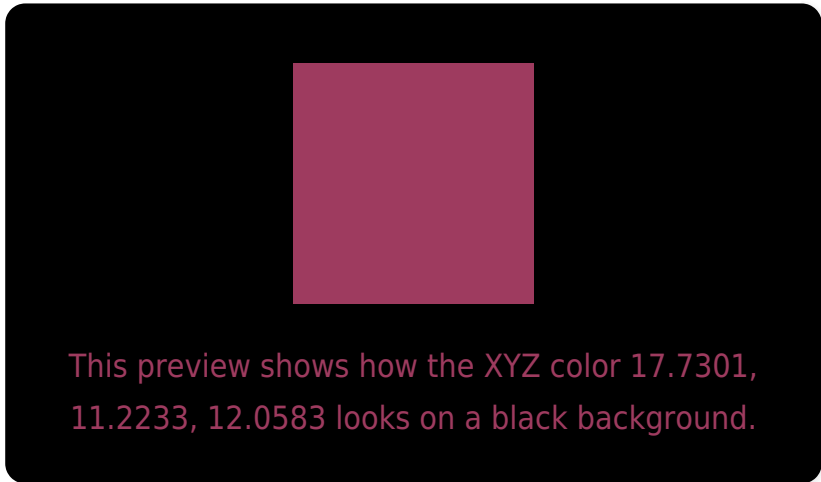
Large Text (above 18pt) WCAG AA ✓ Pass

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

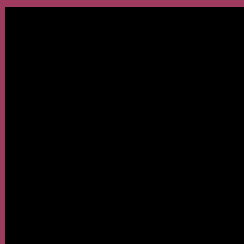
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7301, 11.2233, 12.0583

Background



This preview shows how black text looks on a background with the XYZ color 17.7301, 11.2233, 12.0583.

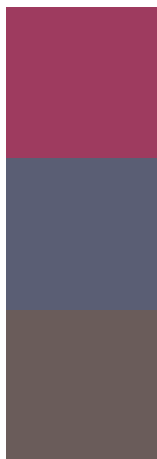


This preview shows how white text looks on a background with the XYZ color 17.7301, 11.2233,

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

17.7301, 11.2233, 12.0583

Protanopia

11.3715, 11.4400, 18.1318

Deuteranopia

11.6165, 11.4566, 11.2720



Tritanopia

16.6748, 11.2782, 6.9283

Trichromacy



Original Color

17.7301, 11.2233, 12.0583

Protanomaly

12.7194, 10.6124, 15.5654

Deuteranomaly

13.2579, 10.8700, 11.5246

Tritanomaly

17.0573, 11.2732, 8.4846

Monochromacy



Original Color

17.7301, 11.2233, 12.0583

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.2989, 10.4749, 11.9633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7301, 11.2233, 12.0583 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, 59, 95)` looks like.

```
.text, #text, p{  
    color:rgb(158, 59, 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, 59, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 59, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.7301, 11.2233, 12.0583 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, 59, 95) }
```


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

```
.border{ border-color:rgb(158, 59, 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, 59, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 59, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 59, 95);  
box-shadow:4px 4px 4px 4px rgb(158, 59,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7301, 11.2233, 12.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 59, 95) }
```

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

```
.background{ background-color: rgb(158, 59,  
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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