Converting Colors

XYZ(11.0617, 12.4734, 9.9712)

Have a look what the booklet for XYZ(11.0617, 12.4734, 9.9712) contains.

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Color

XYZ(11.0389, 12.4187, 9.9988)

Conversions

Conversions Part 1

Format	Color
Hex	606553
RGB	96, 101, 83
RGB Percent	38%, 40%, 33%
CMY	0.6235, 0.6039, 0.6745
CMYK	0.05, 0.00, 0.18, 0.60
HSL	77°, 10%, 36%
HSV	77°, 18%, 40%
XYZ	11.0389, 12.4187, 9.9988
YIQ	97.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

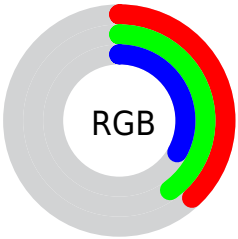
Format	Color
RYB	83, 101, 88
Decimal	6317395
CIELab	41.87, -5.51, 9.55
CIELCh	42, 11.025, 119.971
Yxy	12.4187, 0.3299, 0.3712
Android (android.graphics.Color)	4284507475 (0xFF606553)
YUV	97.4530, -7.1253, -1.2743
Hunter-Lab	35.2402, -5.7556, 7.8456

Details

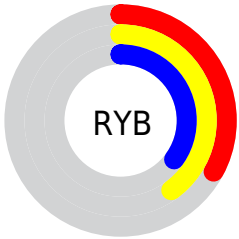
The XYZ color 11.0389, 12.4187, 9.9988 is a dark color, and the websafe version is hex 666666. A complement of this color would be 9.4671, 9.2011, 13.5896, and the grayscale version is 11.4907, 12.0891, 13.1651.

A 20% lighter version of the original color is 27.4257, 30.3255, 26.2377, and 2.9844, 3.4564, 2.3436 is the 20% darker color. If you saturate the color by 10%, you get 10.3871, 12.1249, 8.0789, and if you desaturate by 10%, it is 11.7587, 12.7418, 12.2190.

Distribution

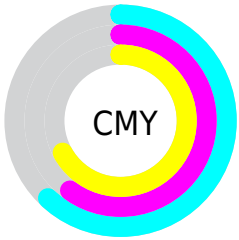


- Red (38%)
- Green (40%)
- Blue (33%)



- Red (33%)
- Yellow (40%)
- Blue (35%)

- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0389, 12.4187, 9.9988 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 11.0389, 12.4187, 9.9988 by changing the saturation by 10% instead.

11.0389, 12.4187, 9.9988

11.0389, 12.4187, 9.9988

191.8370, 207.1578, 201.1480

6.1605, 7.0295, 5.2926

27.3644, 30.2554, 26.4010

2.9845, 3.4806, 2.3582

39.5422, 43.4717, 38.9341

1.1456, 1.3875, 0.7635

54.8838, 60.0659, 54.9132

0.0627, 0.2075, 0.0000

73.7546, 80.4222, 74.7569

0.0000, 0.0000, 0.0000

96.5200, 104.9252, 98.8836

123.5453,

133.9592, 127.7121

155.1959, 167.9086, 161.6607

11.0389, 12.4187, 9.9988

11.0389, 12.4187, 9.9988

10.3871, 12.1249, 8.0789

11.7587, 12.7418, 12.2190

9.7998, 11.8577, 6.4456

12.5480, 13.0934, 14.7509

9.2746, 11.6165, 5.0855

13.4094, 13.4752, 17.6061

8.8086, 11.4001, 3.9834

14.3449, 13.8879, 20.7956

8.3984, 11.2073, 3.1229

15.3568, 14.3323, 24.3296

8.0406, 11.0366, 2.4859

7.7310, 10.8863, 2.0513

7.4554, 10.7507, 1.7453

7.3969, 10.7219, 1.6797

16.4470, 14.8094, 28.2181

17.6173, 15.3198, 32.4706

18.8697, 15.8644, 37.0962

20.2059, 16.4437, 42.1038

Harmonies

Analogous

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

11.8044, 12.4187, 9.5167

11.0389, 12.4187, 9.9988

10.4998, 12.4187, 11.4005

Triad

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

11.0389, 12.4187, 9.9988

11.0376, 12.4187, 17.7855

13.4389, 12.4187, 13.5241

Complementary

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

11.0389, 12.4187, 9.9988

9.4671, 9.2011, 13.5896

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.

13.2111, 12.4187, 15.8913

11.0389, 12.4187, 9.9988

11.8028, 12.4187, 18.5176

Square

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

11.0389, 12.4187, 9.9988

10.4991, 12.4187, 15.8868

12.6028, 12.4187, 17.7882

13.2120, 12.4187, 11.4041

Rectangle

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

11.0389, 12.4187, 9.9988

10.3286, 12.4187, 12.7562

12.6028, 12.4187, 17.7882

13.4128, 12.4187, 14.3176

Sweetspot

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

11.0392, 12.4192, 9.9991

20.5375, 22.0305, 22.0890

10.4019, 10.3382, 9.6310

5.0370, 5.4134, 5.3833

51.1593, 53.8236, 58.6138

5.2251, 5.4972, 5.9864

Same Dimension

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

11.0392, 12.4192, 9.9991

18.5160, 21.1240, 15.8650

10.1646, 11.9683, 9.9581

2.9699, 3.2317, 3.0417

9.6577, 14.0374, 2.2005

49.4922, 72.7601, 11.4356

Inverse Universe

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

9.4671, 9.2011, 13.5896

15.3283, 14.5979, 23.1465

10.3511, 9.6568, 13.6310

2.7576, 2.7971, 3.5265

3.6722, 1.5373, 16.2475

18.4007, 7.6301, 84.7043

Previews

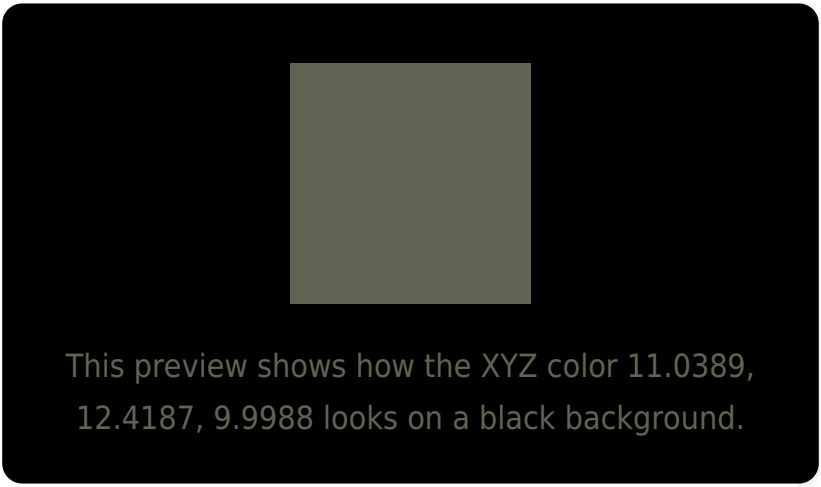
White Background

This preview shows how the XYZ color 11.0389, 12.4187, 9.9988 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

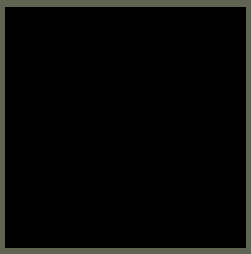


Color Contrast Check

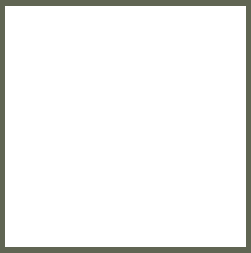
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 11.0389, 12.4187, 9.9988 Background



This preview shows how black text looks on a background with the XYZ color 11.0389, 12.4187, 9.9988.



This preview shows how white text looks on a background with the XYZ color 11.0389, 12.4187,

9.9988.

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
11.0389, 12.4187, 9.9988

Protanopia
11.5996, 12.2876, 9.7430

Deuteranopia
12.5025, 12.3352, 10.1095

Tritanopia
12.1148, 12.4286, 15.3961

Trichromacy

Original Color
11.0389, 12.4187, 9.9988

Protanomaly
11.3517, 12.2996, 9.7584

Deuteranomaly
11.9383, 12.3153, 10.1354

Tritanomaly
11.7034, 12.4022, 13.3323

Monochromacy

Original Color
11.0389, 12.4187, 9.9988

Achromatopsia
11.3621, 11.9538, 13.0177

Achromatomaly
11.2292, 12.0495, 11.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0389, 12.4187, 9.9988 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(96, 101, 83) looks like.

```
.text, #text, p{
    color:rgb(96, 101, 83)
}
```

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(96, 101, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 101, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.0389, 12.4187, 9.9988 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(96, 101, 83) }
```

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

```
.border{ border-color:rgb(96, 101, 83) }
```

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

Here you see how a box with a 4 pixel rgb(96, 101, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 101, 83); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 101, 83); box-shadow:4px 4px 4px 4px rgb(96, 101, 83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0389, 12.4187, 9.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(96, 101, 83) }
```

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

```
.background{ background-color:rgb(96, 101,
83) }
```

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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