

Converting Colors

XYZ(11.9832, 9.1697, 17.4441)

Have a look what the booklet for
XYZ(11.9832, 9.1697, 17.4441)
contains.

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Color

**XYZ(11.9033, 9.1238,
17.3534)**

Conversions

Conversions Part 1

Format	Color
Hex	6F4773
RGB	111, 71, 115
RGB Percent	44%, 28%, 45%
CMY	0.5647, 0.7216, 0.5490
CMYK	0.03, 0.38, 0.00, 0.55
HSL	295°, 24%, 36%
HSV	295°, 38%, 45%
XYZ	11.9033, 9.1238, 17.3534
YIQ	87.9760, 9.7160, 22.1640

Conversions

Conversions Part 2

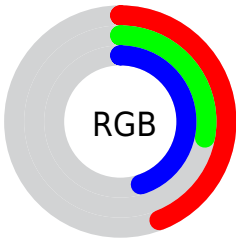
Format	Color
R _Y B	111, 71, 115
Decimal	7292787
CIE Lab	36.22, 25.06, -18.40
CIE LCh	36, 31.092, 323.720
Yxy	9.1238, 0.3101, 0.2377
Android (android.graphics.Color)	4285482867 (0xFF6F4773)
YUV	87.9760, 13.3228, 20.1920
Hunter-Lab	30.2056, 17.4826, -12.9187

Details

The XYZ color **11.9033, 9.1238, 17.3534** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **10.1701, 14.2125, 8.1690**, and the grayscale version is **9.2412, 9.7225, 10.5878**.

A 20% lighter version of the original color is **28.7958, 24.0095, 39.6758**, and **3.3474, 2.1246, 5.5439** is the 20% darker color. If you saturate the color by 10%, you get **11.1093, 7.7298, 17.1263**, and if you desaturate by 10%, it is **12.8379, 10.7963, 17.6271**.

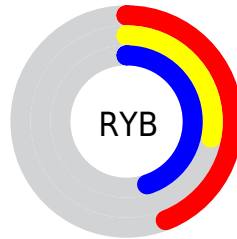
Distribution



Red (44%)

Green (28%)

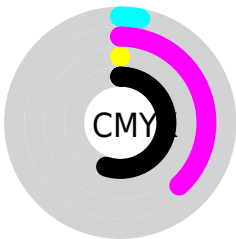
Blue (45%)



Red (44%)

Yellow (28%)

Blue (45%)

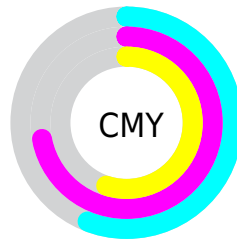


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (72%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9033, 9.1238, 17.3534 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 11.9033, 9.1238, 17.3534 by changing the saturation by 10% instead.

■ 11.9033, 9.1238,
17.3534

■ 11.9033, 9.1238,
17.3534

197.5471,
184.2988, 249.3133

■ 6.7496, 4.8220,
10.3222

■ 28.9373, 24.1339,
39.7313

■ 3.3509, 2.1432,
5.5047

■ 41.5482, 35.6109,
55.9151

■ 1.3419, 0.6888,
2.4824

■ 57.3756, 50.2486,
75.9868

■ 0.2143, 0.0000,
0.8308

■ 76.7849, 68.4311,
100.3650

■ 0.0000, 0.0000,
0.0000

■ 100.1413, 90.5430,
129.4682

127.8102,

116.9687, 163.7150

160.1570,
148.0925, 203.5238

■ 11.9033, 9.1238,
17.3534

■ 11.9033, 9.1238,
17.3534

■ 11.1093, 7.7298,
17.1263

■ 12.8379, 10.7963,
17.6271

■ 10.4472, 6.5974,
16.9426

■ 13.9194, 12.7605,
17.9492

■ 9.9086, 5.7099,
16.7997

■ 15.1548, 15.0303,
18.3222

■ 9.4839, 5.0478,
16.6943

■ 16.5505, 17.6183,
18.7482

■ 9.1619, 4.5890,
16.6227

■ 18.1123, 20.5364,
19.2291

■ 8.9101, 4.2681,
16.5740

■ 19.8460, 23.7958,
19.7669

■ 8.8671, 4.2137,
16.5658

■ 21.7569, 27.4073,
20.3633

■ 23.8502, 31.3811,
21.0200

■ 26.1307, 35.7272,
21.7386

Harmonies

Analogous

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



10.1992, 9.1238, 22.6493



11.9033, 9.1238, 17.3534



12.7568, 9.1238, 11.1032

Triad

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



11.9033, 9.1238, 17.3534



9.0710, 9.1238, 2.8141



5.7804, 9.1238, 14.6759

Complementary

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



11.9033, 9.1238, 17.3534



10.1701, 14.2125, 8.1690

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.



5.5679, 9.1238, 8.8504



11.9033, 9.1238, 17.3534



7.3052, 9.1238, 3.1770

Square

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



11.9033, 9.1238, 17.3534



10.9769, 9.1238, 3.7331



6.0856, 9.1238, 5.0040



6.7145, 9.1238, 20.7545

Rectangle

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



11.9033, 9.1238, 17.3534



12.6523, 9.1238, 7.6879



6.0856, 9.1238, 5.0040



5.6284, 9.1238, 12.5805

Sweetspot

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



11.9036, 9.1242, 17.3536



26.4372, 25.6237, 32.5970



8.2367, 7.6644, 17.2651



6.2512, 6.0104, 7.7596



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.9036, 9.1242, 17.3536



20.0312, 14.0811, 30.7067



11.5002, 9.0223, 12.5430



3.7954, 3.7418, 4.6124



10.1276, 4.8123, 18.9376



48.9756, 23.2563, 92.2679

Inverse Universe

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



10.5938, 8.6597, 7.7702



17.3634, 13.1447, 10.7538



10.5160, 14.3159, 11.5728



3.6962, 3.7058, 3.9271



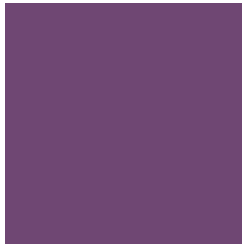
8.1439, 4.1913, 0.7003



39.5404, 20.3663, 2.6430

Previews

White Background



This preview shows how the XYZ color 11.9033, 9.1238, 17.3534 looks on a white background.

Color Contrast Check

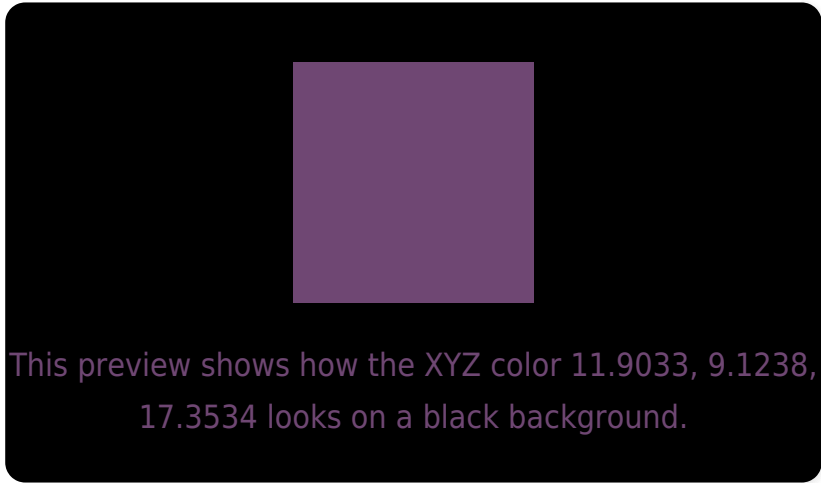
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

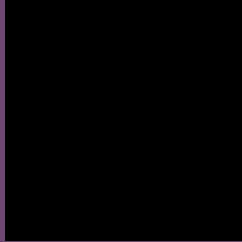
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9033, 9.1238, 17.3534

Background



This preview shows how black text looks on a background with the XYZ color 11.9033, 9.1238, 17.3534.



This preview shows how white text looks on a background with the XYZ color 11.9033, 9.1238,

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

11.9033, 9.1238, 17.3534

Protanopia

9.5445, 9.1990, 20.6746

Deuteranopia

9.3754, 9.1952, 16.9035



Tritanopia

10.3880, 9.2147, 9.6186

Trichromacy



Original Color

11.9033, 9.1238, 17.3534

Protanomaly

10.0849, 8.9509, 19.2853

Deuteranomaly

10.1476, 9.0310, 17.1279

Tritanomaly

10.7660, 9.0465, 12.0052

Monochromacy



Original Color

11.9033, 9.1238, 17.3534

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.0458, 9.4032, 12.8408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9033, 9.1238, 17.3534 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(111, 71, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 71, 115)  
}
```

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(111, 71, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 71, 115) }
```

Border

The CSS property to change the border of an element to XYZ 11.9033, 9.1238, 17.3534 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(111, 71, 115) }
```


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

```
.border{ border-color:rgb(111, 71, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 71, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 71, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 71, 115); box-shadow:4px 4px 4px 4px rgb(111, 71, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9033, 9.1238, 17.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 71, 115) }
```

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

```
.background{ background-color: rgb(111, 71,  
115) }
```

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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