

Converting Colors

XYZ(11.2982, 6.0369, 7.7775)

Have a look what the booklet for
XYZ(11.2982, 6.0369, 7.7775)
contains.

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Color

**XYZ(11.2982, 6.0369,
7.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	85144E
RGB	133, 20, 78
RGB Percent	52%, 8%, 31%
CMY	0.4784, 0.9215, 0.6941
CMYK	0.00, 0.85, 0.41, 0.48
HSL	329°, 74%, 30%
HSV	329°, 85%, 52%
XYZ	11.2982, 6.0369, 7.7775
YIQ	60.3990, 48.7300, 41.9940

Conversions

Conversions Part 2

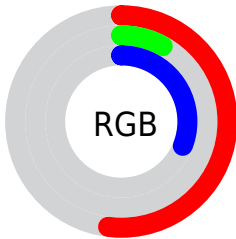
Format	Color
R_{YB}	133, 20, 78
Decimal	8721486
CIE Lab	29.51, 49.70, -4.53
CIE LCh	30, 49.906, 354.797
Yxy	6.0369, 0.4499, 0.2404
Android (android.graphics.Color)	4286911566 (0xFF85144E)
YUV	60.3990, 8.6773, 63.6711
Hunter-Lab	24.5701, 39.0829, -1.5688

Details

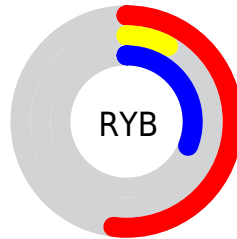
The XYZ color **11.2982, 6.0369, 7.7775** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **9.9465, 17.4321, 9.4986**, and the grayscale version is **4.3348, 4.5605, 4.9664**.

A 20% lighter version of the original color is **27.8620, 18.0714, 22.0983**, and **3.4306, 1.7352, 1.6675** is the 20% darker color. If you saturate the color by 10%, you get **10.9000, 5.5939, 6.5554**, and if you desaturate by 10%, it is **11.8442, 6.7390, 9.1617**.

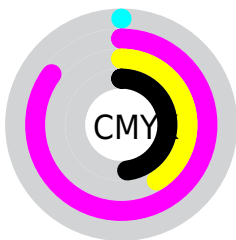
Distribution



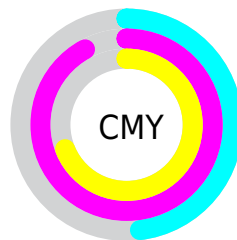
- Red (52%)
- Green (8%)
- Blue (31%)



- Red (52%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (85%)
- Yellow (41%)
- Black (48%)



- Cyan (48%)
- Magenta (92%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2982, 6.0369, 7.7775 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 11.2982, 6.0369, 7.7775 by changing the saturation by 10% instead.

■ 11.2982, 6.0369,
7.7775

■ 11.2982, 6.0369,
7.7775

193.5684,
159.4027, 183.8452

■ 6.3365, 2.8675,
3.8672

■ 27.8384, 18.0076,
22.0600

■ 3.0934, 1.0630,
1.5528

■ 40.1476, 27.5778,
33.2693

■ 1.2033, 0.0000,
0.2568

■ 55.6367, 40.0503,
47.7486

■ 0.1090, 0.0000,
0.0000

■ 74.6711, 55.8097,
65.9166

■ 0.0000, 0.0000,
0.0000

■ 97.6162, 75.2402,
88.1917

■ 124.8371, 98.7262,

114.9924

156.6995,
126.6523, 146.7374

11.2982, 6.0369,
7.7775

11.2982, 6.0369,
7.7775

10.9000, 5.5939,
6.5554

11.8442, 6.7390,
9.1617

10.7243, 5.4071,
5.9891

12.5599, 7.7429,
10.7184

13.4614, 9.0797,
12.4558

14.5626, 10.7765,
14.3816

15.8761, 12.8575,
16.5027

■ 17.4135, 15.3449,
18.8256

■ 19.1852, 18.2591,
21.3566

■ 21.2014, 21.6191,
24.1013

■ 23.4713, 25.4428,
27.0656

Harmonies

Analogous

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



10.1123, 6.0369, 16.7797



11.2982, 6.0369, 7.7775



10.7029, 6.0369, 2.5910

Triad

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



11.2982, 6.0369, 7.7775



4.0900, 6.0369, 0.3892



3.5653, 6.0369, 23.0728

Complementary

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



11.2982, 6.0369, 7.7775



9.9465, 17.4321, 9.4986

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.



2.6096, 6.0369, 13.3622



11.2982, 6.0369, 7.7775



2.8516, 6.0369, 1.6696

Square

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



11.2982, 6.0369, 7.7775



6.1443, 6.0369, 0.0819



2.3880, 6.0369, 5.5000



5.3498, 6.0369, 28.6489

Rectangle

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



11.2982, 6.0369, 7.7775



9.4407, 6.0369, 1.1044



2.3880, 6.0369, 5.5000



3.1573, 6.0369, 19.9641

Sweetspot

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



11.2984, 6.0372, 7.7776



31.0035, 27.1853, 33.4475



7.3561, 3.6747, 22.5120



6.7921, 5.8113, 7.2492



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.2984, 6.0372, 7.7776



19.1252, 9.6511, 10.3051



10.0670, 5.5447, 1.2932



4.7649, 4.7256, 5.3743



10.2191, 5.1520, 5.7263



0.0391, 0.0193, 0.0393

Inverse Universe

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



11.2984, 6.0372, 7.7776



19.1252, 9.6511, 10.3051



12.7809, 18.5658, 24.4243



4.7649, 4.7256, 5.3743



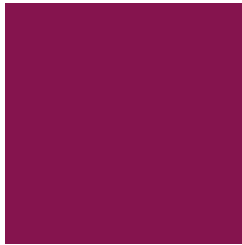
10.2191, 5.1520, 5.7263



0.0391, 0.0193, 0.0393

Previews

White Background



This preview shows how the XYZ color 11.2982, 6.0369, 7.7775 looks on a white background.

Color Contrast Check

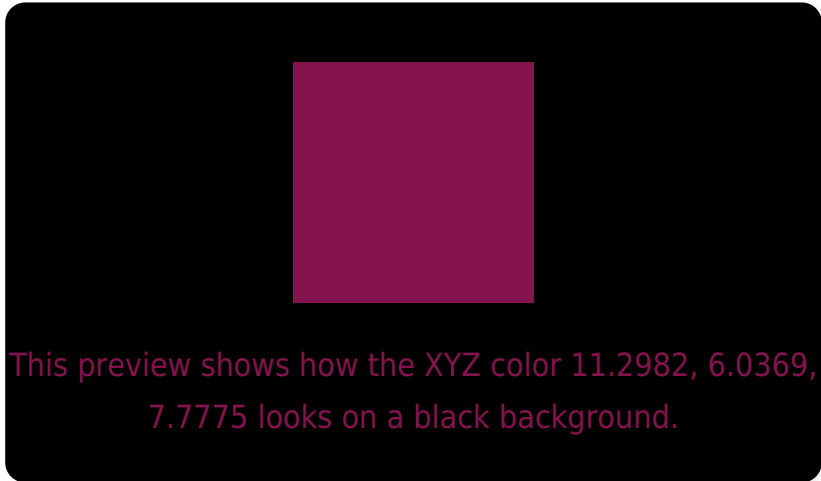
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2982, 6.0369, 7.7775

Background



This preview shows how black text looks on a background with the XYZ color 11.2982, 6.0369, 7.7775.



This preview shows how white text looks on a background with the XYZ color 11.2982, 6.0369,

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

11.2982, 6.0369, 7.7775

Protanopia

6.6954, 6.3840, 15.3473

Deuteranopia

6.4726, 6.3570, 7.1892



Tritanopia

10.2795, 6.1547, 2.3153

Trichromacy



Original Color

11.2982, 6.0369, 7.7775

Protanomaly

7.1789, 5.2691, 12.1939

Deuteranomaly

7.4908, 5.4723, 7.3181

Tritanomaly

10.5775, 6.0731, 3.7467

Monochromacy



Original Color

11.2982, 6.0369, 7.7775

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

5.8820, 4.3083, 5.8318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2982, 6.0369, 7.7775 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(133, 20, 78)` looks like.

```
.text, #text, p{  
    color:rgb(133, 20, 78)  
}
```

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(133, 20, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 20, 78) }
```

Border

The CSS property to change the border of an element to XYZ 11.2982, 6.0369, 7.7775 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(133, 20, 78) }
```


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

```
.border{ border-color:rgb(133, 20, 78) }
```

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

Here you see how a box with a 4 pixel rgb(133, 20, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 20, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 20, 78);  
box-shadow:4px 4px 4px 4px rgb(133, 20,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2982, 6.0369, 7.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 20, 78) }
```

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

```
.background{ background-color: rgb(133, 20,  
78) }
```

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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