

Converting Colors

XYZ(11.6364, 6.1821, 7.8606)

Have a look what the booklet for
XYZ(11.6364, 6.1821, 7.8606)
contains.

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Color

**XYZ(11.5997, 6.1667,
7.7866)**

Conversions

Conversions Part 1

Format	Color
Hex	87134E
RGB	135, 19, 78
RGB Percent	53%, 7%, 31%
CMY	0.4706, 0.9255, 0.6941
CMYK	0.00, 0.86, 0.42, 0.47
HSL	329°, 75%, 30%
HSV	329°, 86%, 53%
XYZ	11.5997, 6.1667, 7.7866
YIQ	60.4100, 50.1970, 42.9410

Conversions

Conversions Part 2

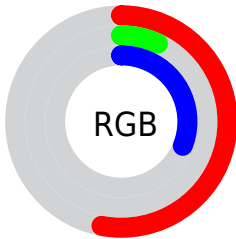
Format	Color
R_{YB}	135, 19, 78
Decimal	8852302
CIE _{Lab}	29.83, 50.47, -4.00
CIE _{LCh}	30, 50.631, 355.469
Yxy	6.1667, 0.4539, 0.2413
Android (android.graphics.Color)	4287042382 (0xFF87134E)
YUV	60.4100, 8.6719, 65.4154
Hunter-Lab	24.8328, 39.9219, -1.2080

Details

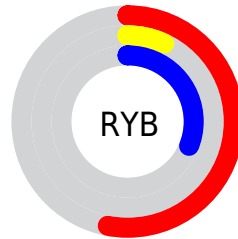
The XYZ color **11.5997, 6.1667, 7.7866** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.2376, 17.9885, 9.7719**, and the grayscale version is **4.3363, 4.5621, 4.9681**.

A 20% lighter version of the original color is **28.2934, 18.1876, 22.0980**, and **3.5970, 1.8210, 1.6753** is the 20% darker color. If you saturate the color by 10%, you get **11.2006, 5.7302, 6.5387**, and if you desaturate by 10%, it is **12.1472, 6.8617, 9.2025**.

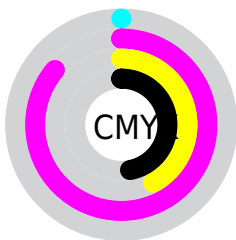
Distribution



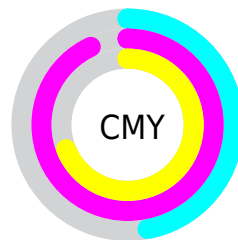
- Red (53%)
- Green (7%)
- Blue (31%)



- Red (53%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (86%)
- Yellow (42%)
- Black (47%)





- Cyan (47%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5997, 6.1667, 7.7866 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 11.5997, 6.1667, 7.7866 by changing the saturation by 10% instead.


 11.5997, 6.1667,
7.7866


 11.5997, 6.1667,
7.7866


195.5614,
160.5482, 183.9202


 6.5420, 2.9467,
3.8729


 28.3871, 18.2760,
22.0782


 3.2211, 1.1040,
1.5559

 40.8476, 27.9341,
33.2933


 1.2717, 0.0000,
0.2590

 56.5063, 40.5071,
47.7791

 0.1619, 0.0000,
0.0000

 75.7286, 56.3793,
65.9544

 0.0000, 0.0000,
0.0000

 98.8799, 75.9351,
88.2376

 126.3256, 99.5589,

115.0472

158.4310,
127.6352, 146.8019

11.5997, 6.1667,
7.7866

11.5997, 6.1667,
7.7866

11.2006, 5.7302,
6.5387

12.1472, 6.8617,
9.2025

11.0553, 5.5763,
6.0684

12.8690, 7.8657,
10.7983

13.7820, 9.2115,
12.5828

14.9010, 10.9278,
14.5640

16.2390, 13.0397,
16.7494

■ 17.8083, 15.5706,
19.1457

■ 19.6198, 18.5417,
21.7596

■ 21.6841, 21.9730,
24.5973

■ 24.0108, 25.8831,
27.6644

Harmonies

Analogous

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



10.4132, 6.1667, 17.0102



11.5997, 6.1667, 7.7866



10.9443, 6.1667, 2.5530

Triad

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



11.5997, 6.1667, 7.7866



4.1290, 6.1667, 0.3999



3.6598, 6.1667, 23.9484

Complementary

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



11.5997, 6.1667, 7.7866



10.2376, 17.9885, 9.7719

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.



2.6613, 6.1667, 13.9348



11.5997, 6.1667, 7.7866



2.8772, 6.1667, 1.7337

Square

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



11.5997, 6.1667, 7.7866



6.2245, 6.1667, 0.0669



2.4187, 6.1667, 5.7456



5.5124, 6.1667, 29.5503

Rectangle

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



11.5997, 6.1667, 7.7866



9.6240, 6.1667, 1.0763



2.4187, 6.1667, 5.7456



3.2347, 6.1667, 20.7586

Sweetspot

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



11.5999, 6.1670, 7.7867



31.6914, 27.5590, 33.9895



7.5135, 3.7141, 23.2426



7.1364, 6.0532, 7.5668



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.5999, 6.1670, 7.7867



19.7168, 9.9537, 10.4402



10.3596, 5.6709, 1.2553



4.7640, 4.7253, 5.3697



10.2011, 5.1448, 5.6314



0.0390, 0.0193, 0.0389

Inverse Universe

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



11.5999, 6.1670, 7.7867



19.7168, 9.9537, 10.4402



13.1710, 19.1618, 25.2190



4.7640, 4.7253, 5.3697



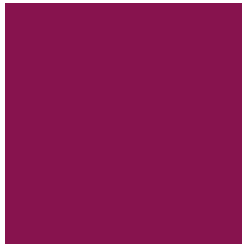
10.2011, 5.1448, 5.6314



0.0390, 0.0193, 0.0389

Previews

White Background



This preview shows how the XYZ color 11.5997, 6.1667, 7.7866 looks on a white background.

Color Contrast Check

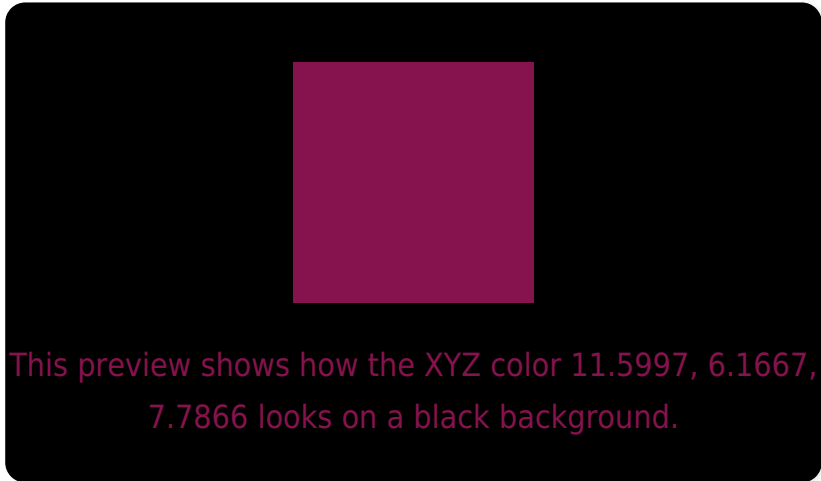
Large Text (above 18pt) WCAG AA ✓ Pass

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

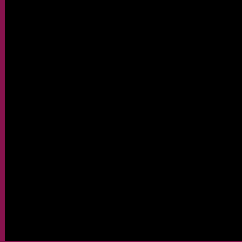
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5997, 6.1667, 7.7866

Background



This preview shows how black text looks on a background with the XYZ color 11.5997, 6.1667, 7.7866.



This preview shows how white text looks on a background with the XYZ color 11.5997, 6.1667,

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

11.5997, 6.1667, 7.7866

Protanopia

6.8172, 6.5404, 15.3711

Deuteranopia

6.5843, 6.5105, 7.0405



Tritanopia

10.5923, 6.3160, 2.3299

Trichromacy



Original Color

11.5997, 6.1667, 7.7866

Protanomaly

7.3631, 5.3641, 12.2026

Deuteranomaly

7.5654, 5.5147, 7.1443

Tritanomaly

10.8684, 6.1861, 3.7532

Monochromacy



Original Color

11.5997, 6.1667, 7.7866

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 11.5997, 6.1667, 7.7866 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(135, 19, 78)` looks like.

```
.text, #text, p{  
  color:rgb(135, 19, 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(135, 19, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 19, 78) }
```

Border

The CSS property to change the border of an element to XYZ 11.5997, 6.1667, 7.7866 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(135, 19, 78) }
```


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

```
.border{ border-color:rgb(135, 19, 78) }
```

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

Here you see how a box with a 4 pixel rgb(135, 19, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 19, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 19, 78);  
box-shadow:4px 4px 4px 4px rgb(135, 19,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5997, 6.1667, 7.7866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 19, 78) }
```

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

```
.background{ background-color: rgb(135, 19,  
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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