

Converting Colors

XYZ(11.4499, 5.6901, 10.1393)

Have a look what the booklet for
XYZ(11.4499, 5.6901, 10.1393)
contains.

XYZ(11.5183, 5.7247, 10.1708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.5183, 5.7247,
10.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	85005A
RGB	133, 0, 90
RGB Percent	52%, 0%, 35%
CMY	0.4784, 0.9999, 0.6471
CMYK	0.00, 1.00, 0.32, 0.48
HSL	319°, 100%, 26%
HSV	319°, 100%, 52%
XYZ	11.5183, 5.7247, 10.1708
YIQ	50.0270, 50.3780, 56.1860

Conversions

Conversions Part 2

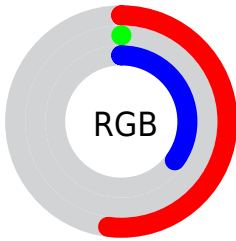
Format	Color
R_{YB}	133, 0, 90
Decimal	8716378
CIE _{Lab}	28.71, 54.73, -13.67
CIE _{LCh}	29, 56.408, 345.980
Yxy	5.7247, 0.4202, 0.2088
Android (android.graphics.Color)	4286906458 (0xFF85005A)
YUV	50.0270, 19.7067, 72.7673
Hunter-Lab	23.9263, 44.0600, -8.4550

Details

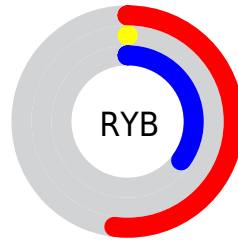
The XYZ color **11.5183, 5.7247, 10.1708** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **8.8240, 16.9496, 5.0933**, and the grayscale version is **3.0099, 3.1667, 3.4485**.

A 20% lighter version of the original color is **28.2221, 17.3471, 26.6718**, and **3.5965, 1.8016, 2.5410** is the 20% darker color. If you saturate the color by 10%, you get **11.5182, 5.7247, 10.1699**, and if you desaturate by 10%, it is **11.8547, 6.0960, 11.2124**.

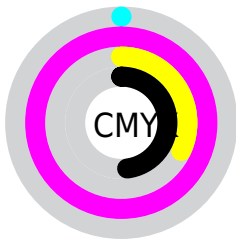
Distribution



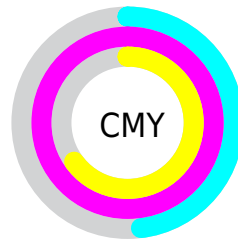
- Red (52%)
- Green (0%)
- Blue (35%)



- Red (52%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (48%)





- Cyan (48%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5183, 5.7247, 10.1708 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 11.5183, 5.7247, 10.1708 by changing the saturation by 10% instead.


 11.5183, 5.7247,
10.1708


 11.5183, 5.7247,
10.1708


195.0254,
156.6017, 202.4157


 6.4864, 2.6784,
5.4053


 28.2392, 17.3572,
26.7291


 3.1865, 0.9662,
2.4241

 40.6590, 26.7122,
39.3589


 1.2531, 0.0000,
0.7995

 56.2721, 38.9389,
55.4473

 0.1477, 0.0000,
0.0000

 75.4440, 54.4217,
75.4127

 0.0000, 0.0000,
0.0000

 98.5398, 73.5450,
99.6737

 125.9252, 96.6932,

128.6488

157.9652,
124.2506, 162.7567

11.5183, 5.7247,
10.1708

11.5183, 5.7247,
10.1708

11.5182, 5.7247,
10.1699

11.8547, 6.0960,
11.2124

12.2891, 6.6460,
12.3398

12.8720, 7.4756,
13.5706

13.6202, 8.6180,
14.9113

14.5482, 10.1020,
16.3674

■ 15.6688, 11.9529,
17.9442

■ 16.9936, 14.1937,
19.6461

■ 18.5332, 16.8454,
21.4775

■ 20.2977, 19.9277,
23.4424

Harmonies

Analogous

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



9.6512, 5.7247, 21.3982



11.5183, 5.7247, 10.1708



11.4487, 5.7247, 3.1738

Triad

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



11.5183, 5.7247, 10.1708



4.2288, 5.7247, 0.0000



2.7504, 5.7247, 22.1606

Complementary

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



11.5183, 5.7247, 10.1708



8.8240, 16.9496, 5.0933

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.



2.0190, 5.7247, 10.8107



11.5183, 5.7247, 10.1708



2.6776, 5.7247, 0.7199

Square

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



11.5183, 5.7247, 10.1708



6.6827, 5.7247, 0.0000



1.9972, 5.7247, 3.4711



4.3638, 5.7247, 31.1677

Rectangle

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



11.5183, 5.7247, 10.1708



10.2960, 5.7247, 1.1547



1.9972, 5.7247, 3.4711



2.4181, 5.7247, 18.2250

Sweetspot

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



11.5185, 5.7250, 10.1709



30.2558, 25.1172, 34.9641



5.1938, 2.1886, 22.3390



6.6178, 5.3211, 7.6271



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.



11.5185, 5.7250, 10.1709



20.5527, 10.2221, 17.8224



9.8420, 5.0544, 1.3427



4.7955, 4.7379, 5.5356



10.9750, 5.4544, 9.7069



0.0414, 0.0202, 0.0513

Inverse Universe

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



11.5185, 5.7250, 10.1709



20.5527, 10.2221, 17.8224



11.1275, 17.8711, 17.2237



4.7955, 4.7379, 5.5356



10.9750, 5.4544, 9.7069



0.0414, 0.0202, 0.0513

Previews

White Background



This preview shows how the XYZ color 11.5183, 5.7247, 10.1708 looks on a white background.

Color Contrast Check

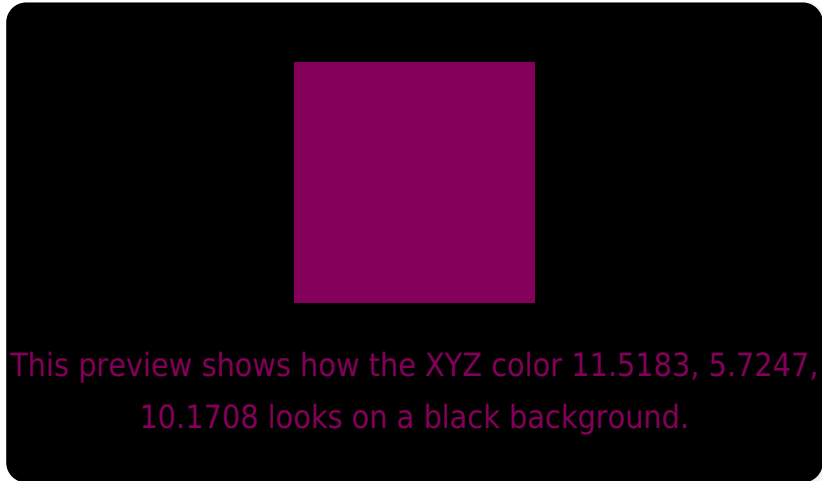
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5183, 5.7247, 10.1708

Background



This preview shows how black text looks on a background with the XYZ color 11.5183, 5.7247, 10.1708.



This preview shows how white text looks on a background with the XYZ color 11.5183, 5.7247,

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

11.5183, 5.7247, 10.1708

Protanopia

7.0454, 6.3335, 21.6200

Deuteranopia

6.4008, 6.2741, 9.2612



Tritanopia

10.0181, 6.0625, 2.3924

Trichromacy



Original Color

11.5183, 5.7247, 10.1708

Protanomaly

6.8968, 4.5350, 16.7315

Deuteranomaly

7.1965, 4.8529, 9.3615

Tritanomaly

10.2261, 5.6441, 4.2918

Monochromacy



Original Color

11.5183, 5.7247, 10.1708

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

4.7789, 3.1202, 5.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5183, 5.7247, 10.1708 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, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(133, 0, 90)  
}
```

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, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.5183, 5.7247, 10.1708 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, 0, 90) }
```


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

```
.border{ border-color:rgb(133, 0, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 0, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(133, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5183, 5.7247, 10.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 0, 90) }
```

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

```
.background{ background-color: rgb(133, 0,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor