

Converting Colors

XYZ(18.9757, 11.2850, 11.0360)

Have a look what the booklet for
XYZ(18.9757, 11.2850, 11.0360)
contains.

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Color

**XYZ(18.9653, 11.2520,
11.0698)**

Conversions

Conversions Part 1

Format	Color
Hex	A7325B
RGB	167, 50, 91
RGB Percent	65%, 20%, 36%
CMY	0.3451, 0.8039, 0.6431
CMYK	0.00, 0.70, 0.46, 0.35
HSL	339°, 54%, 43%
HSV	339°, 70%, 65%
XYZ	18.9653, 11.2520, 11.0698
YIQ	89.6570, 56.5710, 37.5550

Conversions

Conversions Part 2

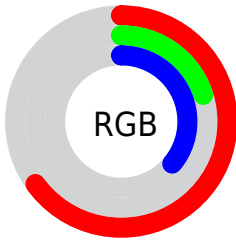
Format	Color
R_{YB}	167, 50, 91
Decimal	10957403
CIE _{Lab}	40.00, 50.79, 3.21
CIE _{LCh}	40, 50.890, 3.616
Yxy	11.2520, 0.4594, 0.2725
Android (android.graphics.Color)	4289147483 (0xFFA7325B)
YUV	89.6570, 0.6621, 67.8298
Hunter-Lab	33.5440, 42.2194, 3.9146

Details

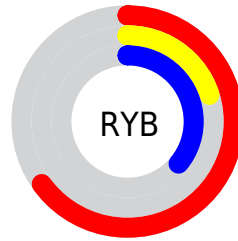
The XYZ color **18.9653, 11.2520, 11.0698** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **18.9008, 29.8223, 24.5010**, and the grayscale version is **9.6318, 10.1334, 11.0352**.

A 20% lighter version of the original color is **41.2233, 28.1950, 28.4688**, and **6.9235, 3.5123, 2.8978** is the 20% darker color. If you saturate the color by 10%, you get **17.9424, 9.9018, 8.5844**, and if you desaturate by 10%, it is **20.3169, 13.1513, 13.9987**.

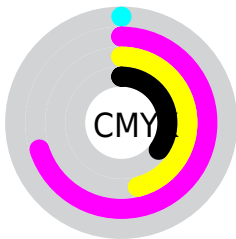
Distribution



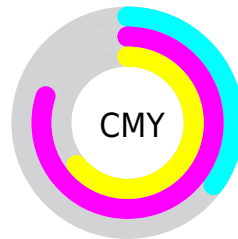
- Red (65%)
- Green (20%)
- Blue (36%)



- Red (65%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (70%)
- Yellow (46%)
- Black (35%)





- Cyan (35%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9653, 11.2520, 11.0698 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 18.9653, 11.2520, 11.0698 by changing the saturation by 10% instead.


 18.9653, 11.2520,
11.0698


 18.9653, 11.2520,
11.0698


239.1989,
199.3884, 208.9004


 11.7491, 6.2366,
5.9990


 41.1928, 28.1252,
28.4278


 6.6440, 2.9895,
2.7757


 56.9347, 40.7518,
41.5521


 3.2848, 1.1262,
0.9813

 76.2493, 56.6843,
58.1980

 1.3061, 0.0002,
0.0000

 99.5019, 76.3070,
78.7840

 0.1878, 0.0000,
0.0000

 127.0577,
100.0044, 103.7288

 0.0000, 0.0000,
0.0000

 159.2823,

128.1608, 133.4507

196.5409,
161.1607, 168.3684

■ 18.9653, 11.2520,
11.0698

■ 18.9653, 11.2520,
11.0698

■ 17.9424, 9.9018,
8.5844

■ 20.3169, 13.1513,
13.9987

■ 17.2144, 9.0378,
6.5169

■ 22.0245, 15.6499,
17.3935

■ 16.7133, 8.5263,
4.8369

■ 24.1132, 18.7941,
21.2752

■ 26.6058, 22.6254,
25.6635

■ 29.5230, 27.1815,
30.5768

■ 32.8842, 32.4977,
36.0324

■ 36.7075, 38.6066,
42.0470

■ 41.0099, 45.5392,
48.6364

■ 45.8077, 53.3247,
55.8158

Harmonies

Analogous

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



17.9707, 11.2520, 23.0336



18.9653, 11.2520, 11.0698



17.3744, 11.2520, 4.3518

Triad

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



18.9653, 11.2520, 11.0698



7.3700, 11.2520, 2.1641



7.9617, 11.2520, 39.0891

Complementary

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



18.9653, 11.2520, 11.0698



18.9008, 29.8223, 24.5010

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.



5.9929, 11.2520, 26.4102



18.9653, 11.2520, 11.0698



5.7075, 11.2520, 5.5019

Square

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



18.9653, 11.2520, 11.0698



10.2737, 11.2520, 1.3046



5.2648, 11.2520, 13.5145



11.1270, 11.2520, 43.5375

Rectangle

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



18.9653, 11.2520, 11.0698



15.2298, 11.2520, 2.3374



5.2648, 11.2520, 13.5145



7.1632, 11.2520, 35.4005

Sweetspot

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



18.9656, 11.2526, 11.0700



52.1370, 47.5228, 53.5405



16.4430, 9.3645, 37.5001



11.3471, 10.1330, 11.4470



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.9656, 11.2526, 11.0700



31.3598, 16.7876, 13.2609



18.4375, 12.2964, 4.4201



7.6356, 7.5841, 8.3983



12.8105, 6.5329, 3.8137



0.3359, 0.1686, 0.2201

Inverse Universe

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



18.9656, 11.2526, 11.0700



31.3598, 16.7876, 13.2609



19.4220, 25.7308, 40.5021



7.6356, 7.5841, 8.3983



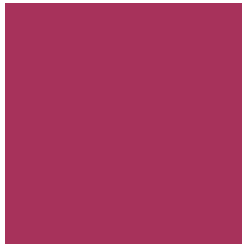
12.8105, 6.5329, 3.8137



0.3359, 0.1686, 0.2201

Previews

White Background



This preview shows how the XYZ color 18.9653, 11.2520, 11.0698 looks on a white background.

Color Contrast Check

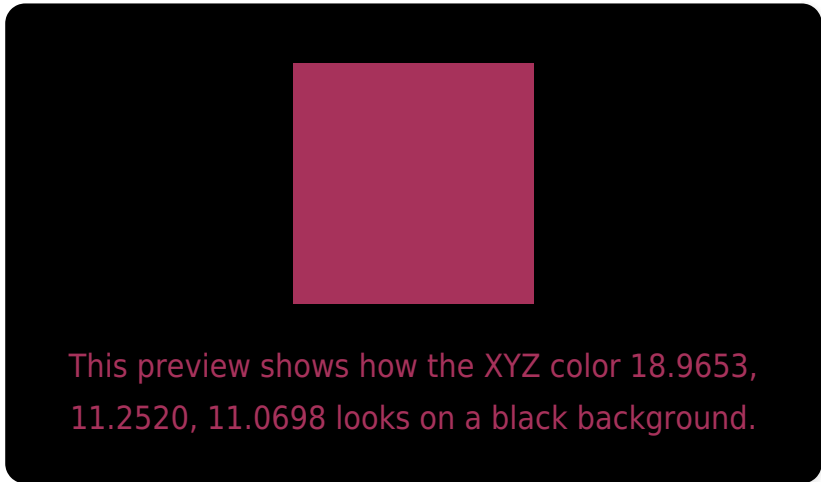
Large Text (above 18pt) WCAG AA ✓ Pass

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

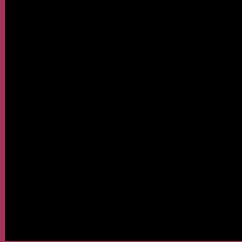
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.9653, 11.2520, 11.0698

Background



This preview shows how black text looks on a background with the XYZ color 18.9653, 11.2520, 11.0698.

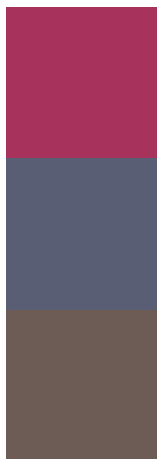


This preview shows how white text looks on a background with the XYZ color 18.9653, 11.2520,

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

18.9653, 11.2520, 11.0698

Protanopia

11.4300, 11.4634, 18.4399

Deuteranopia

11.6512, 11.4983, 10.1996



Tritanopia

17.7958, 11.2518, 5.5088

Trichromacy



Original Color

18.9653, 11.2520, 11.0698

Protanomaly

12.9024, 10.3830, 15.5115

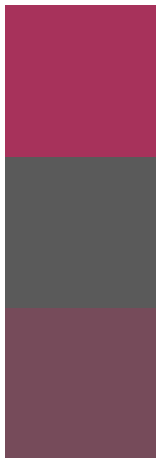
Deuteranomaly

13.4274, 10.6630, 10.3673

Tritanomaly

18.1824, 11.2003, 7.1648

Monochromacy



Original Color

18.9653, 11.2520, 11.0698

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.8328, 9.6219, 10.9064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9653, 11.2520, 11.0698 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(167, 50, 91)` looks like.

```
.text, #text, p{  
    color:rgb(167, 50, 91)  
}
```

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(167, 50, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 50, 91) }
```

Border

The CSS property to change the border of an element to XYZ 18.9653, 11.2520, 11.0698 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(167, 50, 91) }
```


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

```
.border{ border-color:rgb(167, 50, 91) }
```

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

Here you see how a box with a 4 pixel rgb(167, 50, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 50, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 50, 91);  
box-shadow:4px 4px 4px 4px rgb(167, 50,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9653, 11.2520, 11.0698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 50, 91) }
```

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

```
.background{ background-color: rgb(167, 50,  
91) }
```

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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