

Converting Colors

XYZ(18.4990, 10.2499, 11.1286)

Have a look what the booklet for
XYZ(18.4990, 10.2499, 11.1286)
contains.

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Color

**XYZ(18.4990, 10.2499,
11.1286)**

Conversions

Conversions Part 1

Format	Color
Hex	A7245C
RGB	167, 36, 92
RGB Percent	65%, 14%, 36%
CMY	0.3451, 0.8588, 0.6392
CMYK	0.00, 0.78, 0.45, 0.35
HSL	334°, 65%, 40%
HSV	334°, 78%, 65%
XYZ	18.4990, 10.2499, 11.1286
YIQ	81.5530, 60.1000, 45.1880

Conversions

Conversions Part 2

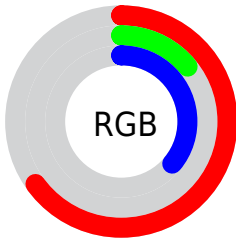
Format	Color
RYB	167, 36, 92
Decimal	10953820
CIELab	38.29, 55.76, 0.09
CIElCh	38, 55.764, 0.091
Yxy	10.2499, 0.4639, 0.2570
Android (android.graphics.Color)	4289143900 (0xFFA7245C)
YUV	81.5530, 5.1504, 74.9370
Hunter-Lab	32.0155, 47.1128, 1.8016

Details

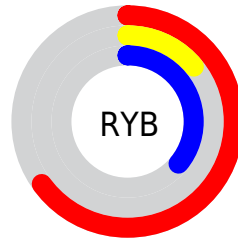
The XYZ color **18.4990, 10.2499, 11.1286** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.4163, 29.1606, 19.7520**, and the grayscale version is **7.9132, 8.3253, 9.0662**.

A 20% lighter version of the original color is **40.2492, 26.1272, 28.5129**, and **6.8198, 3.4564, 2.9970** is the 20% darker color. If you saturate the color by 10%, you get **17.7142, 9.3076, 8.9333**, and if you desaturate by 10%, it is **19.5728, 11.6859, 13.6807**.

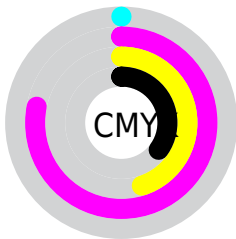
Distribution



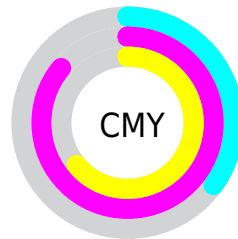
- Red (65%)
- Green (14%)
- Blue (36%)



- Red (65%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (45%)
- Black (35%)





- Cyan (35%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4990, 10.2499, 11.1286 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 18.4990, 10.2499, 11.1286 by changing the saturation by 10% instead.


 18.4990, 10.2499,
11.1286


 18.4990, 10.2499,
11.1286


236.6604,
192.4465, 209.3167


 11.4107, 5.5650,
6.0381


 40.4092, 26.2645,
28.5380


 6.4131, 2.5824,
2.7991


 55.9619, 38.3629,
41.6940


 3.1409, 0.9178,
0.9930

 75.0667, 53.7013,
58.3757

 1.2287, 0.0000,
0.0000

 98.0890, 72.6641,
79.0014

 0.1289, 0.0000,
0.0000

 125.3941, 95.6356,
103.9899

 0.0000, 0.0000,
0.0000

 157.3475,

123.0002, 133.7595

194.3145,
155.1424, 168.7290

■ 18.4990, 10.2499,
11.1286

■ 18.4990, 10.2499,
11.1286

■ 17.7142, 9.3076,
8.9333

■ 19.5728, 11.6859,
13.6807

■ 17.1632, 8.7515,
7.0665

■ 20.9658, 13.6726,
16.6087

■ 17.0860, 8.6754,
6.7999

■ 22.7047, 16.2612,
19.9302

■ 24.8135, 19.4963,
23.6614

■ 27.3134, 23.4183,
27.8176

■ 30.2244, 28.0644,
32.4130

■ 33.5648, 33.4689,
37.4610

■ 37.3518, 39.6640,
42.9746

■ 41.6018, 46.6801,
48.9661

Harmonies

Analogous

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



17.1128, 10.2499, 24.3538



18.4990, 10.2499, 11.1286



17.0966, 10.2499, 3.8492

Triad

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



18.4990, 10.2499, 11.1286



6.6507, 10.2499, 1.2694



6.6656, 10.2499, 38.9181

Complementary

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



18.4990, 10.2499, 11.1286



17.4163, 29.1606, 19.7520

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.



4.8731, 10.2499, 24.4467



18.4990, 10.2499, 11.1286



4.8661, 10.2499, 3.8763

Square

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



18.4990, 10.2499, 11.1286



9.7311, 10.2499, 0.7165



4.3052, 10.2499, 11.1923



9.7533, 10.2499, 45.3522

Rectangle

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



18.4990, 10.2499, 11.1286



14.9288, 10.2499, 1.7868



4.3052, 10.2499, 11.1923



5.9221, 10.2499, 34.5194

Sweetspot

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



18.4993, 10.2505, 11.1288



50.9135, 45.1128, 53.0186



14.0661, 7.3825, 37.2429



11.0083, 9.4833, 11.2484



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.



18.4993, 10.2505, 11.1288



30.9898, 15.9233, 13.5208



17.1835, 10.2000, 2.7329



7.6592, 7.5935, 8.5227



13.0980, 6.6479, 5.3276



0.3445, 0.1721, 0.2655

Inverse Universe

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



18.4993, 10.2505, 11.1288



30.9898, 15.9233, 13.5208



19.9754, 27.7103, 40.8551



7.6592, 7.5935, 8.5227



13.0980, 6.6479, 5.3276



0.3445, 0.1721, 0.2655

Previews

White Background



This preview shows how the XYZ color 18.4990, 10.2499, 11.1286 looks on a white background.

Color Contrast Check

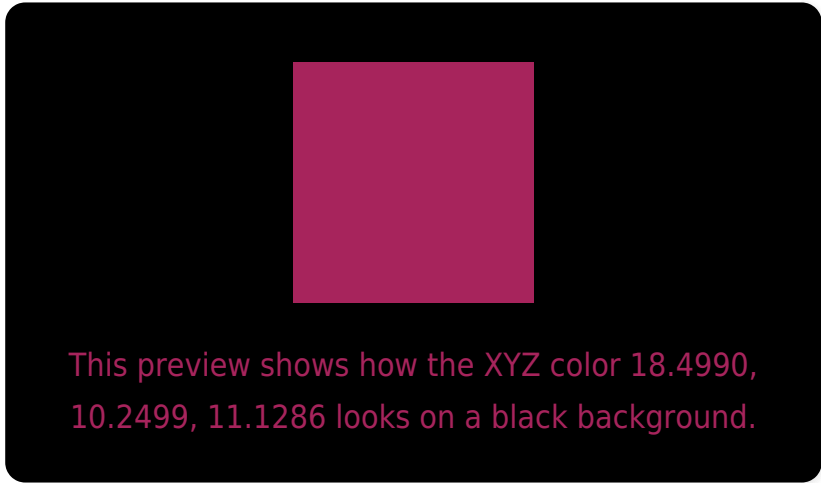
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4990, 10.2499, 11.1286

Background



This preview shows how black text looks on a background with the XYZ color 18.4990, 10.2499, 11.1286.



This preview shows how white text looks on a background with the XYZ color 18.4990, 10.2499,

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

18.4990, 10.2499, 11.1286

Protanopia

10.7739, 10.5614, 20.5395

Deuteranopia

10.6489, 10.4761, 10.2649



Tritanopia

17.1497, 10.3435, 4.1102

Trichromacy



Original Color

18.4990, 10.2499, 11.1286

Protanomaly

11.9248, 9.0609, 16.4497

Deuteranomaly

12.4938, 9.3964, 10.3877

Tritanomaly

17.5807, 10.2900, 6.0606

Monochromacy



Original Color

18.4990, 10.2499, 11.1286

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

10.3801, 7.9632, 9.7941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4990, 10.2499, 11.1286 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, 36, 92)` looks like.

```
.text, #text, p{  
    color:rgb(167, 36, 92)  
}
```

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, 36, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 36, 92) }
```

Border

The CSS property to change the border of an element to XYZ 18.4990, 10.2499, 11.1286 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, 36, 92) }
```


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

```
.border{ border-color:rgb(167, 36, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 36, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 36, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 36, 92);  
box-shadow:4px 4px 4px 4px rgb(167, 36,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4990, 10.2499, 11.1286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 36, 92) }
```

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

```
.background{ background-color: rgb(167, 36,  
92) }
```

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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