

Converting Colors

XYZ(19.9185, 15.2687, 9.9100)

Have a look what the booklet for
XYZ(19.9185, 15.2687, 9.9100)
contains.

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Color

**XYZ(19.9130, 15.2700,
9.8805)**

Conversions

Conversions Part 1

Format	Color
Hex	A25852
RGB	162, 88, 82
RGB Percent	64%, 35%, 32%
CMY	0.3647, 0.6549, 0.6784
CMYK	0.00, 0.46, 0.49, 0.36
HSL	5°, 33%, 48%
HSV	5°, 49%, 64%
XYZ	19.9130, 15.2700, 9.8805
YIQ	109.4420, 46.0300, 13.8220

Conversions

Conversions Part 2

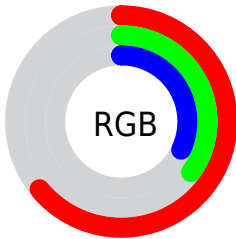
Format	Color
RYB	162, 88, 82
Decimal	10639442
CIELab	46.00, 29.71, 17.03
CIELCh	46, 34.246, 29.811
Yxy	15.2700, 0.4419, 0.3389
Android (android.graphics.Color)	4288829522 (0xFFA25852)
YUV	109.4420, -13.5289, 46.0934
Hunter-Lab	39.0768, 22.5766, 12.3624

Details

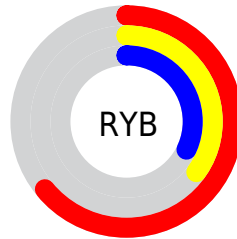
The XYZ color **19.9130, 15.2700, 9.8805** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8891, 28.1780, 38.4676**, and the grayscale version is **14.6900, 15.4550, 16.8305**.

A 20% lighter version of the original color is **42.8446, 35.3196, 26.0319**, and **7.1561, 4.7770, 2.2951** is the 20% darker color. If you saturate the color by 10%, you get **18.2617, 12.8401, 6.6394**, and if you desaturate by 10%, it is **21.9635, 18.2653, 13.9730**.

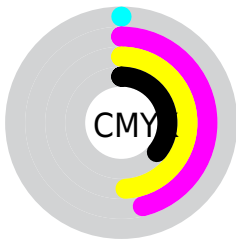
Distribution



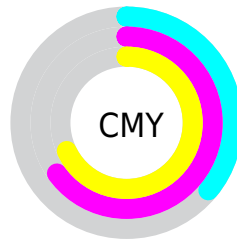
- Red (64%)
- Green (35%)
- Blue (32%)



- Red (64%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (46%)
- Yellow (49%)
- Black (36%)





- Cyan (36%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9130, 15.2700, 9.8805 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 19.9130, 15.2700, 9.8805 by changing the saturation by 10% instead.


 19.9130, 15.2700,
9.8805

 19.9130, 15.2700,
9.8805


244.2863,
224.9947, 200.2708


 12.4397, 9.0091,
5.2152


 42.7763, 35.3261,
26.1748

 7.1182, 4.7471,
2.3132


 58.8971, 49.8902,
38.6409


 3.5831, 2.0997,
0.7386

 78.6310, 67.9907,
54.5443

 1.4691, 0.6644,
0.0000

 102.3436, 90.0121,
74.3037

 0.3047, 0.0000,
0.0000

 130.4000,
116.3389, 98.3374

 0.0000, 0.0000,
0.0000

163.1657,

147.3553, 127.0642

201.0060,
183.4457, 160.9024

■ 19.9130, 15.2700,
9.8805

■ 19.9130, 15.2700,
9.8805

■ 18.2617, 12.8401,
6.6394

■ 21.9635, 18.2653,
13.9730

■ 16.9823, 10.9380,
4.1888

■ 24.4356, 21.8559,
18.9701

■ 16.0462, 9.5250,
2.4612


■ 27.3516, 26.0726,
24.9220


■ 15.4199, 8.5562,
1.3774


■ 30.7318, 30.9431,
31.8747


■ 15.0507, 7.9736,
0.7745


■ 34.5951, 36.4937,
39.8712

 15.0337, 7.9482,
0.7418

 38.9597, 42.7490,
48.9523

 43.8425, 49.7326,
59.1562

 49.2597, 57.4670,
70.5195

 55.2270, 65.9735,
83.0771

Harmonies

Analogous

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



20.8386, 15.2700, 16.6791



19.9130, 15.2700, 9.8805



17.5040, 15.2700, 6.2861

Triad

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



19.9130, 15.2700, 9.8805



10.2054, 15.2700, 9.8162



14.4953, 15.2700, 38.2711

Complementary

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



19.9130, 15.2700, 9.8805



21.8891, 28.1780, 38.4676

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.



11.8849, 15.2700, 34.6160



19.9130, 15.2700, 9.8805



9.6187, 15.2700, 16.5739

Square

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



19.9130, 15.2700, 9.8805



11.9128, 15.2700, 6.2586



10.1909, 15.2700, 25.9027



17.4679, 15.2700, 34.7019

Rectangle

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



19.9130, 15.2700, 9.8805



15.5232, 15.2700, 5.3369



10.1909, 15.2700, 25.9027



13.5489, 15.2700, 37.8336

Sweetspot

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



19.9134, 15.2708, 9.8808



52.0653, 50.8092, 50.1910



23.9750, 16.1390, 33.6008



11.4243, 11.0232, 10.7195



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.9134, 15.2708, 9.8808



32.9582, 23.0224, 11.6757



24.0558, 23.5556, 11.2616



7.1145, 7.1674, 7.3886



11.8575, 6.2888, 0.5889



0.2612, 0.1562, 0.0164

Inverse Universe

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



21.8891, 28.1780, 38.4676



36.9351, 49.1230, 69.5911



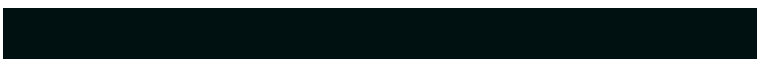
16.3239, 17.0476, 36.6125



7.2304, 7.9199, 9.0507



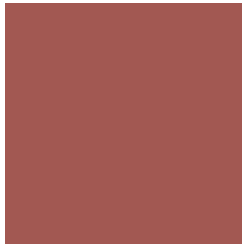
13.7241, 19.2276, 29.9177



0.3009, 0.4291, 0.6328

Previews

White Background



This preview shows how the XYZ color 19.9130, 15.2700, 9.8805 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



This preview shows how the XYZ color 19.9130, 15.2700, 9.8805 looks on a 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 19.9130, 15.2700, 9.8805

Background



This preview shows how black text looks on a background with the XYZ color 19.9130, 15.2700, 9.8805.



This preview shows how white text looks on a background with the XYZ color 19.9130, 15.2700,

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

19.9130, 15.2700, 9.8805

Protanopia

14.4706, 15.3548, 12.3263

Deuteranopia

15.6688, 15.4135, 9.5464



Tritanopia

20.4078, 15.2324, 12.2205

Trichromacy



Original Color

19.9130, 15.2700, 9.8805

Protanomaly

15.9309, 14.9175, 11.2722

Deuteranomaly

17.0651, 15.2537, 9.6342

Tritanomaly

20.3156, 15.3242, 11.3383

Monochromacy



Original Color

19.9130, 15.2700, 9.8805

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.8079, 14.7974, 13.8274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9130, 15.2700, 9.8805 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(162, 88, 82)` looks like.

```
.text, #text, p{  
    color:rgb(162, 88, 82)  
}
```

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(162, 88, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 88, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.9130, 15.2700, 9.8805 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(162, 88, 82) }
```


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

```
.border{ border-color:rgb(162, 88, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 88, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 88, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 88, 82);  
box-shadow:4px 4px 4px 4px rgb(162, 88,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9130, 15.2700, 9.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 88, 82) }
```

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

```
.background{ background-color: rgb(162, 88,  
82) }
```

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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