

Converting Colors

XYZ(19.8515, 10.8005, 1.8916)

Have a look what the booklet for
XYZ(19.8515, 10.8005, 1.8916)
contains.

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Color

**XYZ(19.8482, 10.7949,
1.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	B61B18
RGB	182, 27, 24
RGB Percent	71%, 11%, 9%
CMY	0.2863, 0.8941, 0.9059
CMYK	0.00, 0.85, 0.87, 0.29
HSL	1°, 77%, 40%
HSV	1°, 87%, 71%
XYZ	19.8482, 10.7949, 1.9017
YIQ	73.0030, 93.3430, 31.9270

Conversions

Conversions Part 2

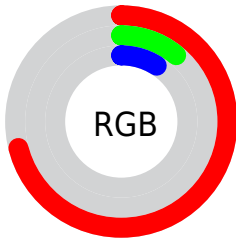
Format	Color
RYB	182, 27, 24
Decimal	11934488
CIELab	39.23, 58.57, 43.34
CIElCh	39, 72.859, 36.500
Yxy	10.7949, 0.6099, 0.3317
Android (android.graphics.Color)	4290124568 (0xFFB61B18)
YUV	73.0030, -24.1585, 95.5904
Hunter-Lab	32.8556, 50.3353, 19.5672

Details

The XYZ color **19.8482, 10.7949, 1.9017** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **24.9370, 35.8054, 49.8524**, and the grayscale version is **6.3642, 6.6957, 7.2916**.

A 20% lighter version of the original color is **42.7677, 27.3474, 8.8188**, and **7.7457, 3.9931, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **19.4225, 10.1566, 1.1033**, and if you desaturate by 10%, it is **20.6462, 11.9804, 3.4337**.

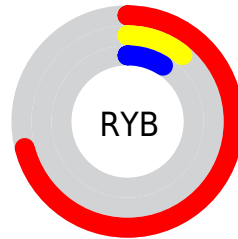
Distribution



Red (71%)

Green (11%)

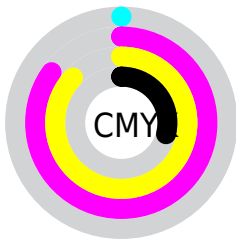
Blue (9%)



Red (71%)

Yellow (11%)

Blue (9%)

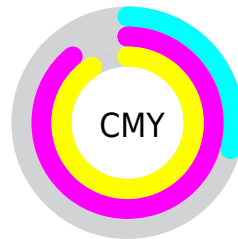


Cyan (0%)

Magenta (85%)

Yellow (87%)

Black (29%)



Cyan (29%)


Magenta (89%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8482, 10.7949, 1.9017 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 19.8482, 10.7949, 1.9017 by changing the saturation by 10% instead.


 19.8482, 10.7949,
1.9017


 19.8482, 10.7949,
1.9017

243.9414,
196.2550, 120.8312


 12.3924, 5.9291,
0.4938

 42.6684, 27.2803,
8.7703


 7.0856, 2.8020,
0.0000


 58.7635, 39.6686,
15.1404


 3.5625, 1.0293,
0.0000

 78.4691, 55.3333,
24.0258

 1.4577, 0.0000,
0.0000

 102.1505, 74.6587,
35.8451


 0.2968, 0.0000,
0.0000


 130.1731, 98.0291,
51.0167


 0.0000, 0.0000,
0.0000


 162.9022,


125.8291, 69.9593


 200.7032,
158.4429, 93.0912


 19.8482, 10.7949,
1.9017


 19.8482, 10.7949,
1.9017


 19.4225, 10.1566,
1.1033


 20.6462, 11.9804,
3.4337

 19.3289, 10.0204,
0.9154

 21.8796, 13.7998,
5.8412

 23.5989, 16.3255,
9.2286

 25.8474, 19.6198,
13.6854

 28.6635, 23.7382,
19.2911

■ 32.0821, 28.7308,
26.1178

■ 36.1355, 34.6439,
34.2315

■ 40.8535, 41.5207,
43.6936

■ 46.2639, 49.4014,
54.5614

Harmonies

Analogous

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



22.7541, 10.7949, 8.9566



19.8482, 10.7949, 1.9017



14.4935, 10.7949, 0.0578

Triad

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



19.8482, 10.7949, 1.9017



3.8192, 10.7949, 3.9444



11.3640, 10.7949, 64.0981

Complementary

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



19.8482, 10.7949, 1.9017



24.9370, 35.8054, 49.8524

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.



6.9437, 10.7949, 57.9133



19.8482, 10.7949, 1.9017



3.4582, 10.7949, 15.0800

Square

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



19.8482, 10.7949, 1.9017



5.6151, 10.7949, 0.6344



4.3980, 10.7949, 36.2120



16.9454, 10.7949, 49.5126

Rectangle

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



19.8482, 10.7949, 1.9017



10.8461, 10.7949, 0.0000



4.3980, 10.7949, 36.2120



9.6958, 10.7949, 64.4803

Sweetspot

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



19.8484, 10.7956, 1.9019



58.4179, 52.4580, 47.8572



27.7917, 13.8678, 44.0541



12.3990, 10.8510, 9.5633



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



19.8484, 10.7956, 1.9019



35.0243, 18.1286, 1.6532



24.5725, 20.2437, 3.4765



9.0180, 9.0389, 9.3763



13.6556, 7.0875, 0.6483



0.4861, 0.2592, 0.0244

Inverse Universe

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



24.9370, 35.8054, 49.8524



44.3406, 64.1885, 90.2883



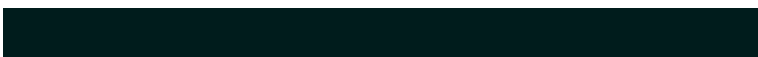
13.4126, 12.7565, 46.0109



9.2516, 10.1804, 11.5568



17.2855, 25.0308, 35.1735



0.6140, 0.8918, 1.2415

Previews

White Background



This preview shows how the XYZ color 19.8482, 10.7949, 1.9017 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 19.8482, 10.7949, 1.9017

Background



This preview shows how black text looks on a background with the XYZ color 19.8482, 10.7949, 1.9017.



This preview shows how white text looks on a background with the XYZ color 19.8482, 10.7949,

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

19.8482, 10.7949, 1.9017

Protanopia

10.1946, 11.1551, 3.5353

Deuteranopia

11.1801, 11.0667, 1.5468



Tritanopia

19.8588, 10.7991, 1.9575

Trichromacy



Original Color

19.8482, 10.7949, 1.9017

Protanomaly

12.1518, 9.4824, 2.7032

Deuteranomaly

13.1529, 9.6669, 1.4311

Tritanomaly

19.8588, 10.7991, 1.9575

Monochromacy



Original Color

19.8482, 10.7949, 1.9017

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.9138, 6.6149, 4.4214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8482, 10.7949, 1.9017 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(182, 27, 24)` looks like.

```
.text, #text, p{  
    color:rgb(182, 27, 24)  
}
```

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(182, 27, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 27, 24) }
```

Border

The CSS property to change the border of an element to XYZ 19.8482, 10.7949, 1.9017 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(182, 27, 24) }
```


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

```
.border{ border-color:rgb(182, 27, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 27, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 27, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 27, 24);  
box-shadow:4px 4px 4px 4px rgb(182, 27,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8482, 10.7949, 1.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 27, 24) }
```

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

```
.background{ background-color: rgb(182, 27,  
24) }
```

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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