

Converting Colors

XYZ(19.2332, 10.1063, 1.1884)

Have a look what the booklet for
XYZ(19.2332, 10.1063, 1.1884)
contains.

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Color

**XYZ(19.2368, 10.1064,
1.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	B50C09
RGB	181, 12, 9
RGB Percent	71%, 5%, 4%
CMY	0.2902, 0.9528, 0.9647
CMYK	0.00, 0.93, 0.95, 0.29
HSL	1°, 91%, 37%
HSV	1°, 95%, 71%
XYZ	19.2368, 10.1064, 1.1953
YIQ	62.1890, 101.6870, 34.8950

Conversions

Conversions Part 2

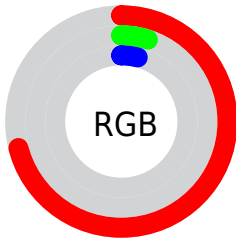
Format	Color
RYB	181, 12, 9
Decimal	11865097
CIELab	38.03, 60.66, 48.71
CIELCh	38, 77.799, 38.763
Yxy	10.1064, 0.6299, 0.3309
Android (android.graphics.Color)	4290055177 (0xFFB50C09)
YUV	62.1890, -26.2222, 104.1972
Hunter-Lab	31.7906, 52.3787, 20.0241

Details

The XYZ color **19.2368, 10.1064, 1.1953** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **24.3677, 35.2235, 49.2301**, and the grayscale version is **4.6349, 4.8763, 5.3103**.

A 20% lighter version of the original color is **41.4880, 25.8944, 6.6824**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.0905, 9.8928, 0.9033**, and if you desaturate by 10%, it is **19.7144, 10.8223, 2.0929**.

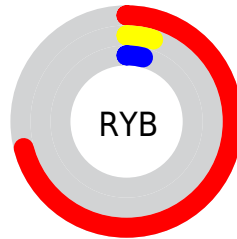
Distribution



Red (71%)

Green (5%)

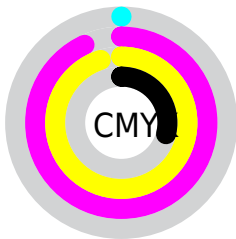
Blue (4%)



Red (71%)

Yellow (5%)

Blue (4%)

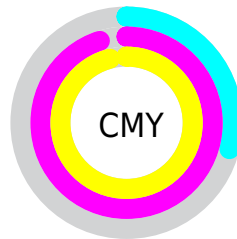


Cyan (0%)

Magenta (93%)

Yellow (95%)

Black (29%)



Cyan (29%)


Magenta (95%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2368, 10.1064, 1.1953 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 19.2368, 10.1064, 1.1953 by changing the saturation by 10% instead.


 19.2368, 10.1064,
1.1953


 19.2368, 10.1064,
1.1953


 240.6660,
191.4298, 108.2670


 11.9465, 5.4696,
0.0000


 41.6476, 25.9954,
6.6933


 6.7792, 2.5253,
0.0000


 57.4989, 38.0164,
12.1071


 3.3695, 0.8893,
0.0000

 76.9346, 53.2676,
19.8557

 1.3520, 0.0000,
0.0000

 100.3200, 72.1333,
30.3574

 0.2217, 0.0000,
0.0000


 128.0205, 94.9980,
44.0308


 0.0000, 0.0000,
0.0000


 160.4014,


122.2460, 61.2946


 197.8281,
154.2618, 82.5671


 19.2368, 10.1064,
1.1953


 19.2368, 10.1064,
1.1953


 19.0905, 9.8928,
0.9033

 19.7144, 10.8223,
2.0929

 20.5738, 12.0954,
3.7533

 21.8733, 14.0095,
6.2981

 23.6613, 16.6340,
9.8273

 25.9795, 20.0290,
14.4271

■ 28.8654, 24.2486,
20.1745

■ 32.3531, 29.3418,
27.1396

■ 36.4738, 35.3537,
35.3865

■ 41.2568, 42.3266,
44.9751

Harmonies

Analogous

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



22.6065, 10.1064, 7.3158



19.2368, 10.1064, 1.1953



13.5317, 10.1064, 0.0000

Triad

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



19.2368, 10.1064, 1.1953



3.1370, 10.1064, 3.7341



11.1483, 10.1064, 66.9280

Complementary

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



19.2368, 10.1064, 1.1953



24.3677, 35.2235, 49.2301

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.



6.5238, 10.1064, 61.8938



19.2368, 10.1064, 1.1953



2.8872, 10.1064, 15.7613

Square

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



19.2368, 10.1064, 1.1953



4.7514, 10.1064, 0.3433



3.8851, 10.1064, 38.8635



16.9813, 10.1064, 49.5378

Rectangle

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



19.2368, 10.1064, 1.1953



9.8152, 10.1064, 0.0000



3.8851, 10.1064, 38.8635



9.3995, 10.1064, 67.9844

Sweetspot

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



19.2370, 10.1070, 1.1954



55.0231, 48.2863, 42.7694



27.2028, 13.2387, 43.3109



11.3412, 9.6312, 8.1435



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



19.2370, 10.1070, 1.1954



34.1739, 17.6838, 1.6122



23.4604, 18.5539, 2.6032



8.5080, 8.5284, 8.8503



13.1661, 6.8308, 0.6245



0.4182, 0.2228, 0.0210

Inverse Universe

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



24.3677, 35.2235, 49.2301



43.3653, 62.8304, 88.1365



12.2918, 11.0717, 45.2048



8.7296, 9.6054, 10.9002



16.7051, 24.2105, 33.9296



0.5296, 0.7698, 1.0689

Previews

White Background



This preview shows how the XYZ color 19.2368, 10.1064, 1.1953 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 19.2368, 10.1064, 1.1953

Background



This preview shows how black text looks on a background with the XYZ color 19.2368, 10.1064, 1.1953.



This preview shows how white text looks on a background with the XYZ color 19.2368, 10.1064,

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

19.2368, 10.1064, 1.1953

Protanopia

9.6071, 10.6124, 2.5193

Deuteranopia

10.6107, 10.5294, 1.4731



Tritanopia

19.0077, 10.0739, 0.9426

Trichromacy



Original Color

19.2368, 10.1064, 1.1953

Protanomaly

11.2638, 8.4308, 1.6955

Deuteranomaly

12.4475, 8.8137, 1.1313

Tritanomaly

19.0097, 10.0515, 1.0244

Monochromacy



Original Color

19.2368, 10.1064, 1.1953

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

7.1624, 4.9790, 2.8690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2368, 10.1064, 1.1953 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(181, 12, 9)` looks like.

```
.text, #text, p{  
    color:rgb(181, 12, 9)  
}
```

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(181, 12, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 12, 9) }
```

Border

The CSS property to change the border of an element to XYZ 19.2368, 10.1064, 1.1953 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(181, 12, 9) }
```


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

```
.border{ border-color:rgb(181, 12, 9) }
```

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

Here you see how a box with a 4 pixel rgb(181, 12, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 12, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 12, 9);  
box-shadow:4px 4px 4px 4px rgb(181, 12, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.2368, 10.1064, 1.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 12, 9) }
```

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

```
.background{ background-color: rgb(181, 12,  
9) }
```

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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