

Converting Colors

XYZ(19.1537, 10.0191, 0.9244)

Have a look what the booklet for
XYZ(19.1537, 10.0191, 0.9244)
contains.

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Color

**XYZ(19.1537, 10.0191,
0.9244)**

Conversions

Conversions Part 1

Format	Color
Hex	B50900
RGB	181, 9, 0
RGB Percent	71%, 4%, 0%
CMY	0.2902, 0.9646, 1.0000
CMYK	0.00, 0.95, 1.00, 0.29
HSL	3°, 100%, 35%
HSV	3°, 100%, 71%
XYZ	19.1537, 10.0191, 0.9244
YIQ	59.4020, 105.4010, 33.6650

Conversions

Conversions Part 2

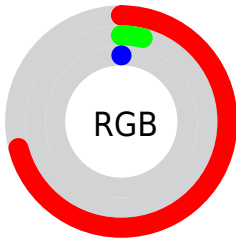
Format	Color
R_{YB}	181, 9, 0
Decimal	11864320
CIE Lab	37.88, 60.91, 52.08
CIE LCh	38, 80.143, 40.532
Yxy	10.0191, 0.6364, 0.3329
Android (android.graphics.Color)	4290054400 (0xFFB50900)
YUV	59.4020, -29.2852, 106.6414
Hunter-Lab	31.6530, 52.6204, 20.4256

Details

The XYZ color **19.1537, 10.0191, 0.9244** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **23.0869, 32.8291, 48.8354**, and the grayscale version is **4.2435, 4.4645, 4.8618**.

A 20% lighter version of the original color is **41.5991, 25.8577, 5.8161**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.1539, 10.0197, 0.9245**, and if you desaturate by 10%, it is **19.5404, 10.6167, 1.5960**.

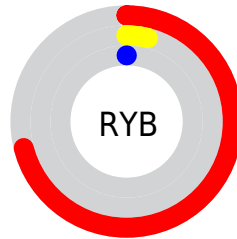
Distribution



Red (71%)

Green (4%)

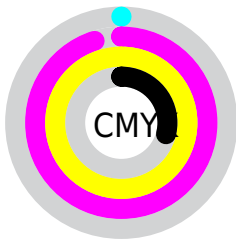
Blue (0%)



Red (71%)

Yellow (4%)

Blue (0%)

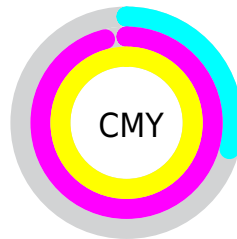


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1537, 10.0191, 0.9244 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 19.1537, 10.0191, 0.9244 by changing the saturation by 10% instead.

■ 19.1537, 10.0191,
0.9244

■ 19.1537, 10.0191,
0.9244

■ 240.2178,
190.8083, 102.4496

■ 11.8861, 5.4116,
0.0000

■ 41.5085, 25.8314,
5.8090

■ 6.7378, 2.4907,
0.0000

■ 57.3264, 37.8051,
10.7833

■ 3.3435, 0.8720,
0.0000

■ 76.7251, 53.0029,
18.0039

■ 1.3379, 0.0000,
0.0000

■ 100.0699, 71.8092,
27.8893

■ 0.2113, 0.0000,
0.0000


■ 127.7262, 94.6086,
40.8580


■ 0.0000, 0.0000,
0.0000


■ 160.0594,


121.7853, 57.3286


 197.4348,
153.7237, 77.7196


 19.1537, 10.0191,
0.9244


 19.1537, 10.0191,
0.9244


 19.1539, 10.0197,
0.9245

 19.5404, 10.6167,
1.5960

 20.2568, 11.7112,
2.8781

 21.3775, 13.3902,
4.9851

 22.9503, 15.7200,
8.0244

 25.0165, 18.7579,
12.0872

■ 27.6125, 22.5548,
17.2539

■ 30.7716, 27.1571,
23.5967

■ 34.5241, 32.6074,
31.1820

■ 38.8983, 38.9453,
40.0709

Harmonies

Analogous

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



22.8768, 10.0191, 6.5192



19.1537, 10.0191, 0.9244



13.2012, 10.0191, 0.0000

Triad

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



19.1537, 10.0191, 0.9244



2.9238, 10.0191, 3.9451



11.4410, 10.0191, 68.8747

Complementary

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



19.1537, 10.0191, 0.9244



23.0869, 32.8291, 48.8354

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.



6.6004, 10.0191, 65.0577



19.1537, 10.0191, 0.9244



2.7466, 10.0191, 16.9267

Square

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



19.1537, 10.0191, 0.9244



4.4452, 10.0191, 0.3071



3.8231, 10.0191, 41.4701



17.4744, 10.0191, 49.5187

Rectangle

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



19.1537, 10.0191, 0.9244



9.4317, 10.0191, 0.0000



3.8231, 10.0191, 41.4701



9.6146, 10.0191, 70.5082

Sweetspot

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



19.1539, 10.0197, 0.9245



54.8029, 48.1887, 41.6391



26.7904, 12.9175, 41.6212



11.3154, 9.6445, 7.9347



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.



19.1539, 10.0197, 0.9245



34.2570, 17.8500, 1.6399



23.2876, 18.2871, 2.3024



8.5293, 8.5710, 8.8574



13.2197, 6.9380, 0.6424



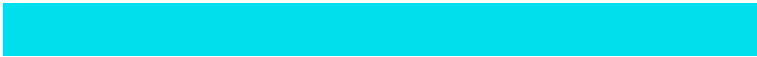
0.4272, 0.2407, 0.0239

Inverse Universe

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



23.0869, 32.8291, 48.8354



41.2971, 58.6940, 87.4471



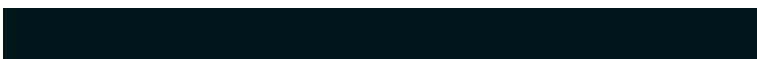
11.5471, 9.7496, 44.9889



8.7056, 9.5574, 10.8923



15.9312, 22.6627, 33.6717



0.5123, 0.7351, 1.0631

Previews

White Background



This preview shows how the XYZ color 19.1537, 10.0191, 0.9244 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 19.1537, 10.0191, 0.9244

Background



This preview shows how black text looks on a background with the XYZ color 19.1537, 10.0191, 0.9244.



This preview shows how white text looks on a background with the XYZ color 19.1537, 10.0191,

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

19.1537, 10.0191, 0.9244

Protanopia

9.5753, 10.5997, 2.3519

Deuteranopia

10.4784, 10.4612, 1.4669



Tritanopia

19.0228, 10.1042, 0.9477

Trichromacy



Original Color

19.1537, 10.0191, 0.9244

Protanomaly

11.1689, 8.3050, 1.4663

Deuteranomaly

12.2114, 8.6169, 1.0196

Tritanomaly

18.9794, 10.0174, 0.9332

Monochromacy



Original Color

19.1537, 10.0191, 0.9244

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.7363, 4.6094, 2.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1537, 10.0191, 0.9244 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, 9, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 9, 0)  
}
```

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, 9, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 9, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.1537, 10.0191, 0.9244 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, 9, 0) }
```


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

```
.border{ border-color:rgb(181, 9, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 9, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 9, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(181, 9, 0); box-shadow:4px  
4px 4px 4px rgb(181, 9, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1537, 10.0191, 0.9244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 9, 0) }
```

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

```
.background{ background-color: rgb(181, 9,  
0) }
```

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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