

Converting Colors

XYZ(19.0205, 10.1991, 5.1038)

Have a look what the booklet for
XYZ(19.0205, 10.1991, 5.1038)
contains.

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Color

**XYZ(19.0205, 10.1991,
5.1038)**

Conversions

Conversions Part 1

Format	Color
Hex	B0183B
RGB	176, 24, 59
RGB Percent	69%, 9%, 23%
CMY	0.3098, 0.9058, 0.7686
CMYK	0.00, 0.86, 0.66, 0.31
HSL	346°, 76%, 39%
HSV	346°, 86%, 69%
XYZ	19.0205, 10.1991, 5.1038
YIQ	73.4380, 79.3570, 43.1090

Conversions

Conversions Part 2

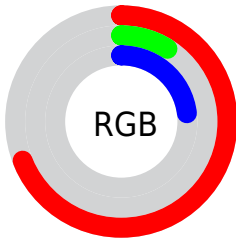
Format	Color
R_{YB}	176, 24, 59
Decimal	11540539
CIE Lab	38.20, 58.85, 21.33
CIE LCh	38, 62.596, 19.925
Yxy	10.1991, 0.5542, 0.2971
Android (android.graphics.Color)	4289730619 (0xFFB0183B)
YUV	73.4380, -7.1179, 89.9469
Hunter-Lab	31.9360, 50.4232, 12.8799

Details

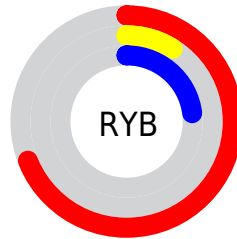
The XYZ color **19.0205, 10.1991, 5.1038** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **20.7111, 33.1683, 30.5157**, and the grayscale version is **6.4133, 6.7473, 7.3478**.

A 20% lighter version of the original color is **41.3511, 26.1972, 16.5128**, and **7.3116, 3.7567, 0.9120** is the 20% darker color. If you saturate the color by 10%, you get **18.4564, 9.5623, 3.4014**, and if you desaturate by 10%, it is **19.9064, 11.3339, 7.3637**.

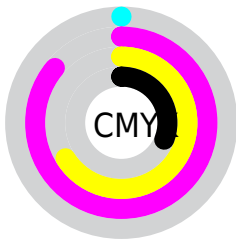
Distribution



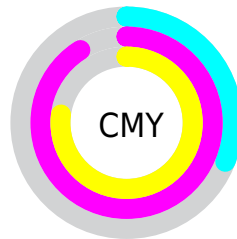
- Red (69%)
- Green (9%)
- Blue (23%)



- Red (69%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (86%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0205, 10.1991, 5.1038 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 19.0205, 10.1991, 5.1038 by changing the saturation by 10% instead.

■ 19.0205, 10.1991,
5.1038

■ 19.0205, 10.1991,
5.1038

239.4978,
192.0872, 159.8009

■ 11.7892, 5.5312,
2.2485

■ 41.2853, 26.1693,
16.4846

■ 6.6715, 2.5622,
0.7021

■ 57.0496, 38.2404,
25.8472

■ 3.3020, 0.9077,
0.0000

■ 76.3888, 53.5480,
38.2159

■ 1.3154, 0.0000,
0.0000

■ 99.6685, 72.4765,
54.0093

■ 0.1947, 0.0000,
0.0000

■ 127.2538, 95.4102,
73.6460

■ 0.0000, 0.0000,
0.0000

■ 159.5103,

122.7337, 97.5445

196.8032,
154.8312, 126.1233

■ 19.0205, 10.1991,
5.1038

■ 19.0205, 10.1991,
5.1038

■ 18.4564, 9.5623,
3.4014

■ 19.9064, 11.3339,
7.3637

■ 18.2961, 9.3867,
2.9010

■ 21.1631, 13.0536,
10.2289

■ 22.8285, 15.4253,
13.7412

■ 24.9357, 18.5062,
17.9382

■ 27.5143, 22.3474,
22.8545

■ 30.5911, 26.9953,
28.5224

■ 34.1911, 32.4923,
34.9721

■ 38.3373, 38.8782,
42.2320

■ 43.0516, 46.1899,
50.3294

Harmonies

Analogous

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



19.5684, 10.1991, 15.4847



19.0205, 10.1991, 5.1038



15.6259, 10.1991, 1.2859

Triad

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



19.0205, 10.1991, 5.1038



4.8702, 10.1991, 2.0429



8.3936, 10.1991, 50.7565

Complementary

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



19.0205, 10.1991, 5.1038



20.7111, 33.1683, 30.5157

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.



5.4928, 10.1991, 38.4314



19.0205, 10.1991, 5.1038



3.8677, 10.1991, 7.6405

Square

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



19.0205, 10.1991, 5.1038



7.2735, 10.1991, 0.4900



4.0584, 10.1991, 20.5787



12.5994, 10.1991, 48.0739

Rectangle

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



19.0205, 10.1991, 5.1038



12.6223, 10.1991, 0.4939



4.0584, 10.1991, 20.5787



7.2576, 10.1991, 48.0206

Sweetspot

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



19.0207, 10.1997, 5.1039



55.4220, 48.8686, 51.6203



19.0692, 9.4107, 41.8853



11.5815, 9.9396, 10.4035



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.0207, 10.1997, 5.1039



33.1115, 16.9958, 4.8828



19.9337, 13.0246, 2.3284



8.5738, 8.5363, 9.2543



13.4435, 6.8950, 2.2295



0.4455, 0.2259, 0.1887

Inverse Universe

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



19.0207, 10.1997, 5.1039



33.1115, 16.9958, 4.8828



16.9432, 20.7885, 44.1935



8.5738, 8.5363, 9.2543



13.4435, 6.8950, 2.2295



0.4455, 0.2259, 0.1887

Previews

White Background



This preview shows how the XYZ color 19.0205, 10.1991, 5.1038 looks on a white background.

Color Contrast Check

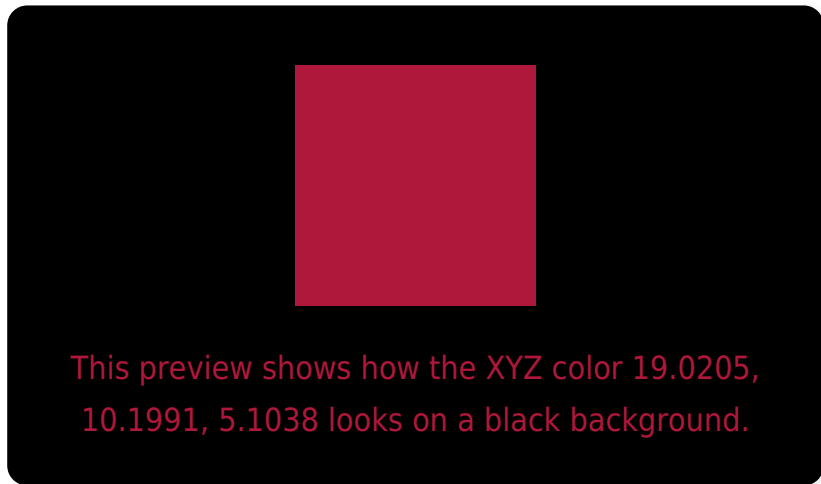
Large Text (above 18pt) WCAG AA ✓ Pass

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

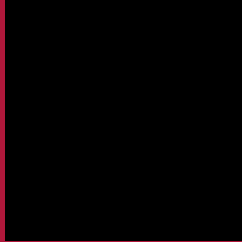
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0205, 10.1991, 5.1038

Background



This preview shows how black text looks on a background with the XYZ color 19.0205, 10.1991, 5.1038.



This preview shows how white text looks on a background with the XYZ color 19.0205, 10.1991,

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

19.0205, 10.1991, 5.1038

Protanopia

10.0606, 10.5552, 9.8946

Deuteranopia

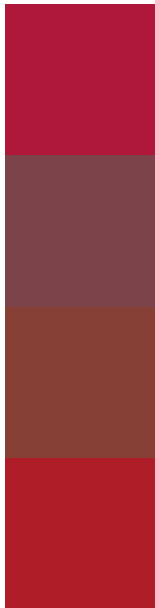
10.6878, 10.5002, 4.5954



Tritanopia

18.4430, 10.2459, 2.3019

Trichromacy



Original Color

19.0205, 10.1991, 5.1038

Protanomaly

11.5893, 8.8074, 7.7458

Deuteranomaly

12.4909, 9.0840, 4.5851

Tritanomaly

18.5188, 10.1528, 3.0815

Monochromacy



Original Color

19.0205, 10.1991, 5.1038

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.8400, 6.4647, 6.2507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0205, 10.1991, 5.1038 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(176, 24, 59)` looks like.

```
.text, #text, p{  
    color:rgb(176, 24, 59)  
}
```

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(176, 24, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 24, 59) }
```

Border

The CSS property to change the border of an element to XYZ 19.0205, 10.1991, 5.1038 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(176, 24, 59) }
```


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

```
.border{ border-color:rgb(176, 24, 59) }
```

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

Here you see how a box with a 4 pixel rgb(176, 24, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 24, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 24, 59);  
box-shadow:4px 4px 4px 4px rgb(176, 24,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0205, 10.1991, 5.1038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 24, 59) }
```

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

```
.background{ background-color: rgb(176, 24,  
59) }
```

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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