

Converting Colors

XYZ(19.1230, 9.7162, 7.3133)

Have a look what the booklet for
XYZ(19.1230, 9.7162, 7.3133)
contains.

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Color

**XYZ(19.1405, 9.7245,
7.3468)**

Conversions

Conversions Part 1

Format	Color
Hex	B0004A
RGB	176, 0, 74
RGB Percent	69%, 0%, 29%
CMY	0.3098, 0.9999, 0.7098
CMYK	0.00, 1.00, 0.58, 0.31
HSL	335°, 100%, 35%
HSV	335°, 100%, 69%
XYZ	19.1405, 9.7245, 7.3468
YIQ	61.0600, 81.1420, 60.3260

Conversions

Conversions Part 2

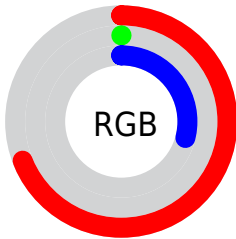
Format	Color
R_{YB}	176, 0, 74
Decimal	11534410
CIE Lab	37.34, 63.14, 10.55
CIE LCh	37, 64.019, 9.485
Yxy	9.7245, 0.5286, 0.2685
Android (android.graphics.Color)	4289724490 (0xFFB0004A)
YUV	61.0600, 6.3794, 100.8024
Hunter-Lab	31.1841, 54.9892, 7.8605

Details

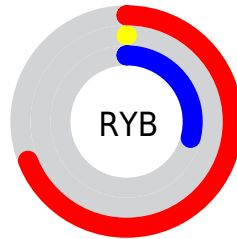
The XYZ color **19.1405, 9.7245, 7.3468** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **17.9253, 32.0105, 17.8116**, and the grayscale version is **4.4294, 4.6601, 5.0748**.

A 20% lighter version of the original color is **41.3066, 25.1470, 21.0891**, and **7.4498, 3.8119, 1.6395** is the 20% darker color. If you saturate the color by 10%, you get **19.1399, 9.7242, 7.3439**, and if you desaturate by 10%, it is **19.7229, 10.2940, 9.3765**.

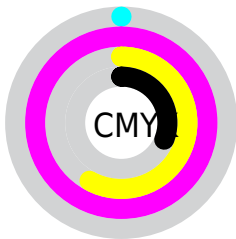
Distribution



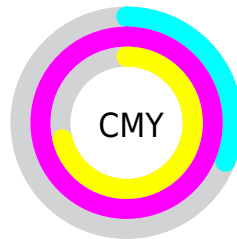
- Red (69%)
- Green (0%)
- Blue (29%)



- Red (69%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (31%)





- Cyan (31%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1405, 9.7245, 7.3468 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 19.1405, 9.7245, 7.3468 by changing the saturation by 10% instead.


 19.1405, 9.7245,
7.3468


 19.1405, 9.7245,
7.3468


240.1466,
188.6943, 180.2538


 11.8765, 5.2167,
3.5982


 41.4864, 25.2760,
21.1922


 6.7312, 2.3749,
1.4076


 57.2990, 37.0885,
32.1261


 3.3394, 0.8130,
0.1476

 76.6918, 52.1046,
46.2921

 1.3357, 0.0000,
0.0000

 100.0302, 70.7089,
64.1089

 0.2097, 0.0000,
0.0000

 127.6795, 93.2855,
85.9949

 0.0000, 0.0000,
0.0000

 160.0051,

120.2191, 112.3687

197.3723,
151.8939, 143.6488

■ 19.1405, 9.7245,
7.3468

■ 19.1405, 9.7245,
7.3468

■ 19.1399, 9.7242,
7.3439

■ 19.7229, 10.2940,
9.3765

■ 20.5507, 11.2610,
11.7753

■ 21.6992, 12.7725,
14.5801

■ 23.2049, 14.8976,
17.8139

■ 25.0987, 17.6951,
21.4975

■ 27.4082, 21.2169,
25.6500

■ 30.1584, 25.5098,
30.2891

■ 33.3720, 30.6165,
35.4317

■ 37.0704, 36.5766,
41.0935

Harmonies

Analogous

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



18.5232, 9.7245, 20.3814



19.1405, 9.7245, 7.3468



16.5737, 9.7245, 1.8336

Triad

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



19.1405, 9.7245, 7.3468



5.1515, 9.7245, 1.0493



6.7926, 9.7245, 47.7313

Complementary

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



19.1405, 9.7245, 7.3468



17.9253, 32.0105, 17.8116

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.



4.4729, 9.7245, 31.7891



19.1405, 9.7245, 7.3468



3.7337, 9.7245, 4.5760

Square

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



19.1405, 9.7245, 7.3468



8.0281, 9.7245, 0.0868



3.5277, 9.7245, 14.6657



10.5743, 9.7245, 50.7967

Rectangle

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



19.1405, 9.7245, 7.3468



13.7435, 9.7245, 0.6455



3.5277, 9.7245, 14.6657



5.8507, 9.7245, 43.3426

Sweetspot

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



19.1407, 9.7251, 7.3469



54.4064, 45.8078, 54.4560



13.0642, 5.8300, 41.5108



11.3289, 9.2030, 11.0328



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.



19.1407, 9.7251, 7.3469



34.6061, 17.5937, 12.7529



18.0331, 9.4873, 0.8816



8.6396, 8.5626, 9.6007



14.0713, 7.1461, 5.5354



0.4721, 0.2366, 0.3289

Inverse Universe

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



19.1407, 9.7251, 7.3469



34.6061, 17.5937, 12.7529



21.1603, 29.7818, 45.7072



8.6396, 8.5626, 9.6007



14.0713, 7.1461, 5.5354



0.4721, 0.2366, 0.3289

Previews

White Background



This preview shows how the XYZ color 19.1405, 9.7245, 7.3468 looks on a white background.

Color Contrast Check

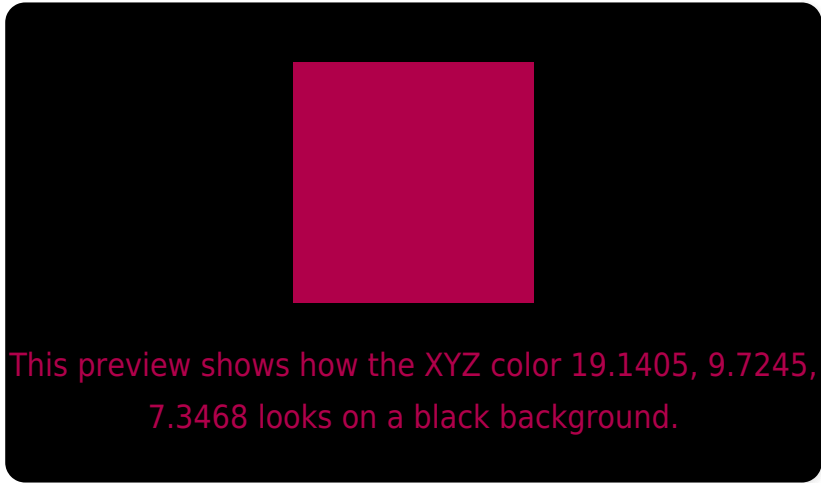
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 19.1405, 9.7245, 7.3468

Background



This preview shows how black text looks on a background with the XYZ color 19.1405, 9.7245, 7.3468.



This preview shows how white text looks on a background with the XYZ color 19.1405, 9.7245,

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

19.1405, 9.7245, 7.3468

Protanopia

10.2934, 10.4213, 15.6563

Deuteranopia

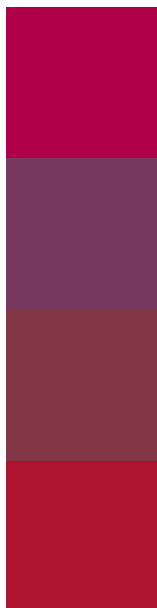
10.4847, 10.3474, 6.7548



Tritanopia

18.1294, 10.0111, 2.0754

Trichromacy



Original Color

19.1405, 9.7245, 7.3468

Protanomaly

11.1822, 7.6927, 11.9618

Deuteranomaly

11.9874, 8.0801, 6.7222

Tritanomaly

18.3857, 9.7692, 3.3992

Monochromacy



Original Color

19.1405, 9.7245, 7.3468

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

7.3024, 4.7280, 5.6820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1405, 9.7245, 7.3468 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, 0, 74)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 74)  
}
```

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, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 74) }
```

Border

The CSS property to change the border of an element to XYZ 19.1405, 9.7245, 7.3468 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, 0, 74) }
```


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

```
.border{ border-color:rgb(176, 0, 74) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(176, 0, 74)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.1405, 9.7245, 7.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 74) }
```

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

```
.background{ background-color: rgb(176, 0,  
74) }
```

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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