

Converting Colors

XYZ(18.2089, 10.1389, 5.4122)

Have a look what the booklet for
XYZ(18.2089, 10.1389, 5.4122)
contains.

XYZ(18.2089, 10.1389, 5.4122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2089, 10.1389,
5.4122)**

Conversions

Conversions Part 1

Format	Color
Hex	AB223D
RGB	171, 34, 61
RGB Percent	67%, 13%, 24%
CMY	0.3294, 0.8666, 0.7608
CMYK	0.00, 0.80, 0.64, 0.33
HSL	348°, 67%, 40%
HSV	348°, 80%, 67%
XYZ	18.2089, 10.1389, 5.4122
YIQ	78.0410, 72.9850, 37.4410

Conversions

Conversions Part 2

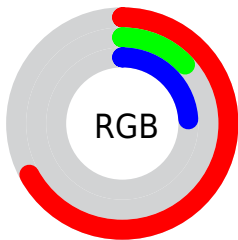
Format	Color
RYB	171, 34, 61
Decimal	11215421
CIELab	38.09, 55.09, 19.72
CIElCh	38, 58.514, 19.699
Yxy	10.1389, 0.5394, 0.3003
Android (android.graphics.Color)	4289405501 (0xFFAB223D)
YUV	78.0410, -8.4012, 81.5250
Hunter-Lab	31.8416, 46.3538, 12.2115

Details

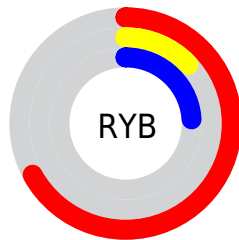
The XYZ color **18.2089, 10.1389, 5.4122** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **20.2577, 31.4798, 31.3982**, and the grayscale version is **7.2559, 7.6338, 8.3132**.

A 20% lighter version of the original color is **39.8998, 26.0672, 17.1159**, and **6.6818, 3.4300, 0.9717** is the 20% darker color. If you saturate the color by 10%, you get **17.5121, 9.2634, 3.5830**, and if you desaturate by 10%, it is **19.2440, 11.5396, 7.8216**.

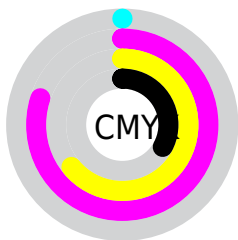
Distribution



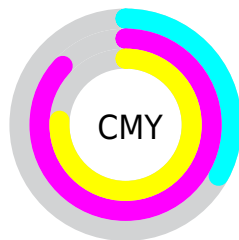
- Red (67%)
- Green (13%)
- Blue (24%)



- Red (67%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (80%)
- Yellow (64%)
- Black (33%)





- Cyan (33%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2089, 10.1389, 5.4122 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 18.2089, 10.1389, 5.4122 by changing the saturation by 10% instead.


 18.2089, 10.1389,
5.4122


 18.2089, 10.1389,
5.4122


235.0688,
191.6606, 162.8237


 11.2007, 5.4912,
2.4282


 39.9203, 26.0564,
17.1542


 6.2703, 2.5382,
0.8017


 55.3541, 38.0950,
26.7492


 3.0523, 0.8957,
0.0000

 74.3272, 53.3660,
39.3850

 1.1815, 0.0000,
0.0000

 97.2049, 72.2537,
55.4800

 0.0917, 0.0000,
0.0000

 124.3525, 95.1427,
75.4529

 0.0000, 0.0000,
0.0000

 156.1355,

122.4172, 99.7221

192.9191,
154.4617, 128.7062

■ 18.2089, 10.1389,
5.4122

■ 18.2089, 10.1389,
5.4122

■ 17.5121, 9.2634,
3.5830

■ 19.2440, 11.5396,
7.8216

■ 17.0787, 8.7716,
2.2830

■ 20.6551, 13.5300,
10.8562

■ 22.4754, 16.1672,
14.5567

■ 24.7343, 19.5009,
18.9603

■ 27.4585, 23.5760,
24.1014

■ 30.6722, 28.4337,
30.0120

■ 34.3983, 34.1122,
36.7221

■ 38.6579, 40.6468,
44.2604

■ 43.4713, 48.0713,
52.6539

Harmonies

Analogous

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



18.6832, 10.1389, 15.1879



18.2089, 10.1389, 5.4122



15.1327, 10.1389, 1.5656

Triad

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



18.2089, 10.1389, 5.4122



5.0948, 10.1389, 2.3158



8.3966, 10.1389, 46.7018

Complementary

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



18.2089, 10.1389, 5.4122



20.2577, 31.4798, 31.3982

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.



5.6643, 10.1389, 35.6799



18.2089, 10.1389, 5.4122



4.1157, 10.1389, 7.7250

Square

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



18.2089, 10.1389, 5.4122



7.3921, 10.1389, 0.7400



4.2926, 10.1389, 19.6295



12.2951, 10.1389, 44.4348

Rectangle

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



18.2089, 10.1389, 5.4122



12.3797, 10.1389, 0.7547



4.2926, 10.1389, 19.6295



7.3322, 10.1389, 44.2459

Sweetspot

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



18.2091, 10.1395, 5.4124



52.3394, 46.9940, 49.0109



19.3552, 9.9785, 39.4337



11.2342, 9.8189, 10.1226



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



18.2091, 10.1395, 5.4124



30.7685, 15.9361, 4.5671



19.6068, 13.8202, 3.1484



8.0674, 8.0402, 8.6655



12.8904, 6.6187, 1.8026



0.3770, 0.1915, 0.1469

Inverse Universe

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



18.2091, 10.1395, 5.4124



30.7685, 15.9361, 4.5671



15.9804, 19.2200, 41.3954



8.0674, 8.0402, 8.6655



12.8904, 6.6187, 1.8026



0.3770, 0.1915, 0.1469

Previews

White Background



This preview shows how the XYZ color 18.2089, 10.1389, 5.4122 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 18.2089, 10.1389, 5.4122

Background



This preview shows how black text looks on a background with the XYZ color 18.2089, 10.1389, 5.4122.



This preview shows how white text looks on a background with the XYZ color 18.2089, 10.1389,

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

18.2089, 10.1389, 5.4122

Protanopia

9.9574, 10.5019, 9.8898

Deuteranopia

10.5045, 10.3977, 4.9433



Tritanopia

17.6861, 10.1503, 3.0345

Trichromacy



Original Color

18.2089, 10.1389, 5.4122

Protanomaly

11.5207, 9.0397, 7.9751

Deuteranomaly

12.3214, 9.3352, 5.0234

Tritanomaly

17.7726, 10.0826, 3.8057

Monochromacy



Original Color

18.2089, 10.1389, 5.4122

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

9.5744, 7.3579, 7.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2089, 10.1389, 5.4122 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(171, 34, 61)` looks like.

```
.text, #text, p{  
    color:rgb(171, 34, 61)  
}
```

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(171, 34, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 34, 61) }
```

Border

The CSS property to change the border of an element to XYZ 18.2089, 10.1389, 5.4122 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(171, 34, 61) }
```


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

```
.border{ border-color:rgb(171, 34, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 34, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 34, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 34, 61);  
box-shadow:4px 4px 4px 4px rgb(171, 34,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2089, 10.1389, 5.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 34, 61) }
```

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

```
.background{ background-color: rgb(171, 34,  
61) }
```

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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