

Converting Colors

XYZ(19.4258, 10.1602, 1.0979)

Have a look what the booklet for
XYZ(19.4258, 10.1602, 1.0979)
contains.

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Color

**XYZ(19.4220, 10.1536,
1.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	B60906
RGB	182, 9, 6
RGB Percent	71%, 4%, 2%
CMY	0.2863, 0.9646, 0.9765
CMYK	0.00, 0.95, 0.97, 0.29
HSL	1°, 94%, 37%
HSV	1°, 97%, 71%
XYZ	19.4220, 10.1536, 1.1085
YIQ	60.3850, 104.0710, 35.7430

Conversions

Conversions Part 2

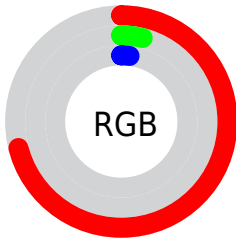
Format	Color
RYB	182, 9, 6
Decimal	11929862
CIELab	38.12, 61.24, 49.96
CIElCh	38, 79.033, 39.206
Yxy	10.1536, 0.6330, 0.3309
Android (android.graphics.Color)	4290119942 (0xFFB60906)
YUV	60.3850, -26.8118, 106.6564
Hunter-Lab	31.8647, 53.0351, 20.2427

Details

The XYZ color **19.4220, 10.1536, 1.1085** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **24.6324, 35.6438, 49.8374**, and the grayscale version is **4.3774, 4.6054, 5.0153**.

A 20% lighter version of the original color is **42.0647, 26.0846, 6.4322**, and **7.6077, 3.9219, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **19.3253, 10.0131, 0.9142**, and if you desaturate by 10%, it is **19.8483, 10.7920, 1.9121**.

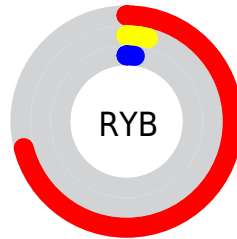
Distribution



Red (71%)

Green (4%)

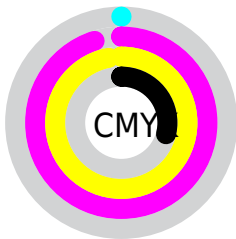
Blue (2%)



Red (71%)

Yellow (4%)

Blue (2%)

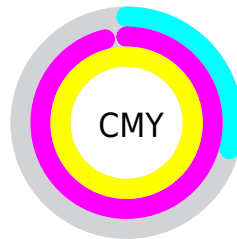


Cyan (0%)

Magenta (95%)

Yellow (97%)

Black (29%)



Cyan (29%)


Magenta (96%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4220, 10.1536, 1.1085 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 19.4220, 10.1536, 1.1085 by changing the saturation by 10% instead.


 19.4220, 10.1536,
1.1085


 19.4220, 10.1536,
1.1085


 241.6623,
191.7648, 106.4821


 12.0814, 5.5009,
0.0000


 41.9574, 26.0840,
6.4165


 6.8717, 2.5441,
0.0000


 57.8828, 38.1305,
11.6953

 3.4276, 0.8986,
0.0000

 77.4006, 53.4104,
19.2819

 1.3837, 0.0000,
0.0000

 100.8762, 72.3082,
29.5950


 0.2446, 0.0000,
0.0000


 128.6747, 95.2081,
43.0530


 0.0000, 0.0000,
0.0000


 161.1617,


122.4945, 60.0744


 198.7024,
154.5520, 81.0780


 19.4220, 10.1536,
1.1085


 19.4220, 10.1536,
1.1085


 19.3253, 10.0131,
0.9142

 19.8483, 10.7920,
1.9121

 20.6474, 11.9770,
3.4519

 21.8834, 13.7986,
5.8688

 23.6065, 16.3290,
9.2669

 25.8603, 19.6307,
13.7356

■ 28.6834, 23.7594,
19.3546

■ 32.1107, 28.7656,
26.1957

■ 36.1746, 34.6959,
34.3250

■ 40.9049, 41.5933,
43.8039

Harmonies

Analogous

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



22.9334, 10.1536, 7.1424



19.4220, 10.1536, 1.1085



13.5687, 10.1536, 0.0000

Triad

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



19.4220, 10.1536, 1.1085



3.0782, 10.1536, 3.7807



11.3067, 10.1536, 68.4370

Complementary

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



19.4220, 10.1536, 1.1085



24.6324, 35.6438, 49.8374

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.



6.5704, 10.1536, 63.6063



19.4220, 10.1536, 1.1085



2.8451, 10.1536, 16.1869

Square

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



19.4220, 10.1536, 1.1085



4.6832, 10.1536, 0.3131



3.8706, 10.1536, 40.0193



17.2742, 10.1536, 50.2385

Rectangle

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



19.4220, 10.1536, 1.1085



9.7872, 10.1536, 0.0000



3.8706, 10.1536, 40.0193



9.5155, 10.1536, 69.6551

Sweetspot

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



19.4222, 10.1543, 1.1086



56.3707, 49.4566, 43.8050



27.4998, 13.3327, 43.8070



11.8656, 10.0690, 8.5075



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



19.4222, 10.1543, 1.1086



35.0195, 18.1190, 1.6516



23.5927, 18.4953, 2.4988



9.0167, 9.0363, 9.3759



13.6524, 7.0813, 0.6473



0.4855, 0.2581, 0.0242

Inverse Universe

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



24.6324, 35.6438, 49.8374



44.4656, 64.4384, 90.3300



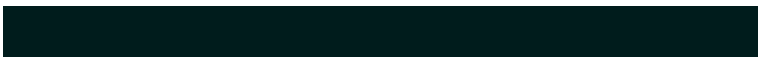
12.2654, 10.9098, 45.7151



9.2531, 10.1834, 11.5573



17.3329, 25.1254, 35.1892



0.6153, 0.8942, 1.2419

Previews

White Background



This preview shows how the XYZ color 19.4220, 10.1536, 1.1085 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 19.4220, 10.1536, 1.1085

Background



This preview shows how black text looks on a background with the XYZ color 19.4220, 10.1536, 1.1085.



This preview shows how white text looks on a background with the XYZ color 19.4220, 10.1536,

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

19.4220, 10.1536, 1.1085

Protanopia

9.5961, 10.6080, 2.4615

Deuteranopia

10.6107, 10.5294, 1.4731



Tritanopia

19.2565, 10.2247, 0.9586

Trichromacy



Original Color

19.4220, 10.1536, 1.1085

Protanomaly

11.3475, 8.3945, 1.5945

Deuteranomaly

12.3901, 8.7078, 1.0852

Tritanomaly

19.2241, 10.1422, 1.0019

Monochromacy



Original Color

19.4220, 10.1536, 1.1085

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.8849, 4.6821, 2.5484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4220, 10.1536, 1.1085 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(182, 9, 6)` looks like.

```
.text, #text, p{  
    color:rgb(182, 9, 6)  
}
```

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(182, 9, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 9, 6) }
```

Border

The CSS property to change the border of an element to XYZ 19.4220, 10.1536, 1.1085 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(182, 9, 6) }
```


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

```
.border{ border-color:rgb(182, 9, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 9, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 9, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(182, 9, 6); box-shadow:4px  
4px 4px 4px rgb(182, 9, 6) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4220, 10.1536, 1.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 9, 6) }
```

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

```
.background{ background-color: rgb(182, 9,  
6) }
```

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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