

Converting Colors

XYZ(19.1645, 10.6806, 1.0504)

Have a look what the booklet for
XYZ(19.1645, 10.6806, 1.0504)
contains.

XYZ(19.1343, 10.6714, 1.0513)	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(19.1343, 10.6714,
1.0513)**

Conversions

Conversions Part 1

Format	Color
Hex	B32100
RGB	179, 33, 0
RGB Percent	70%, 13%, 0%
CMY	0.2980, 0.8705, 1.0000
CMYK	0.00, 0.82, 1.00, 0.30
HSL	11°, 100%, 35%
HSV	11°, 100%, 70%
XYZ	19.1343, 10.6714, 1.0513
YIQ	72.8920, 97.6090, 20.6890

Conversions

Conversions Part 2

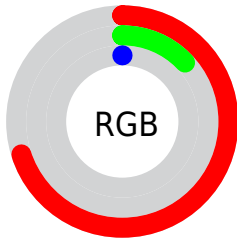
Format	Color
R_{YB}	179, 40, 0
Decimal	11739392
CIE _{Lab}	39.02, 55.88, 52.28
CIE _{LCh}	39, 76.520, 43.092
Yxy	10.6714, 0.6201, 0.3458
Android (android.graphics.Color)	4289929472 (0xFFB32100)
YUV	72.8920, -35.9358, 93.0567
Hunter-Lab	32.6671, 47.3864, 20.9589

Details

The XYZ color **19.1343, 10.6714, 1.0513** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **18.4138, 23.8089, 46.2727**, and the grayscale version is **6.3638, 6.6952, 7.2911**.

A 20% lighter version of the original color is **41.4091, 26.9569, 6.2695**, and **7.2025, 3.7130, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **19.1345, 10.6720, 1.0514**, and if you desaturate by 10%, it is **19.7398, 11.7093, 1.7877**.

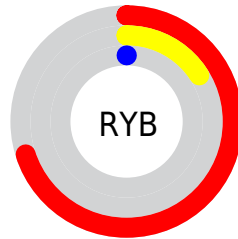
Distribution



Red (70%)

Green (13%)

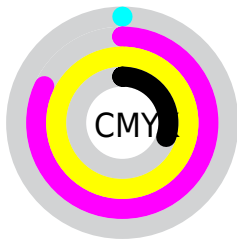
Blue (0%)



Red (70%)

Yellow (16%)

Blue (0%)

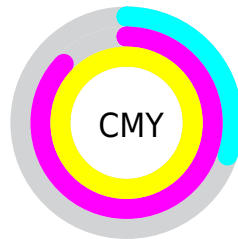


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (30%)



Cyan (30%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 19.1343, 10.6714, 1.0513 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 19.1343, 10.6714, 1.0513 by changing the saturation by 10% instead.


 19.1343, 10.6714,
1.0513


 19.1343, 10.6714,
1.0513


 240.1131,
195.3991, 105.2657


 11.8719, 5.8463,
0.0000


 41.4760, 27.0509,
6.2307


 6.7281, 2.7519,
0.0000


 57.2861, 39.3741,
11.4175


 3.3375, 1.0036,
0.0000

 76.6762, 54.9655,
18.8937

 1.3346, 0.0000,
0.0000

 100.0115, 74.2095,
29.0780

 0.2089, 0.0000,
0.0000


 127.6575, 97.4905,
42.3888


 0.0000, 0.0000,
0.0000


 159.9795,


125.1928, 59.2446


 197.3429,
157.7009, 80.0641


 19.1343, 10.6714,
1.0513


 19.1343, 10.6714,
1.0513


 19.1345, 10.6720,
1.0514

 19.7398, 11.7093,
1.7877

 20.6398, 13.1780,
3.1090

 21.8897, 15.1283,
5.2197

 23.5231, 17.5984,
8.2199

 25.5693, 20.6228,
12.1948

■ 28.0548, 24.2327,
17.2195

■ 31.0037, 28.4570,
23.3617

■ 34.4384, 33.3228,
30.6833

■ 38.3797, 38.8554,
39.2419

Harmonies

Analogous

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



23.0255, 10.6714, 6.3431



19.1343, 10.6714, 1.0513



13.2745, 10.6714, 0.0000

Triad

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



19.1343, 10.6714, 1.0513



3.3508, 10.6714, 5.2102



12.5332, 10.6714, 66.1575

Complementary

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



19.1343, 10.6714, 1.0513



18.4138, 23.8089, 46.2727

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.



7.5471, 10.6714, 64.6244



19.1343, 10.6714, 1.0513



3.2706, 10.6714, 19.2230

Square

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



19.1343, 10.6714, 1.0513



4.8054, 10.6714, 0.7969



4.5299, 10.6714, 43.3584



18.4372, 10.6714, 46.6219

Rectangle

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



19.1343, 10.6714, 1.0513



9.6224, 10.6714, 0.0000



4.5299, 10.6714, 43.3584



10.6817, 10.6714, 68.3818

Sweetspot

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



19.1345, 10.6721, 1.0515



55.2385, 50.5548, 41.2322



23.7929, 11.6647, 28.2664



11.7315, 10.4768, 8.0734



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.



19.1345, 10.6721, 1.0515



34.1514, 18.8771, 1.8437



25.5888, 23.5807, 3.2029



8.6190, 8.7504, 8.8873



13.5573, 7.6131, 0.7549



0.4644, 0.3152, 0.0364

Inverse Universe

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



18.4138, 23.8089, 46.2727



32.8251, 42.3340, 82.8224



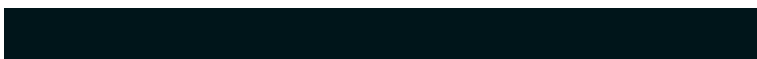
9.5842, 6.1498, 43.3295



8.6068, 9.3597, 10.8593



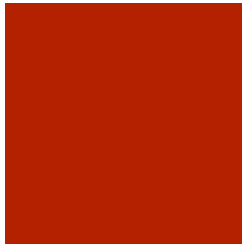
13.0560, 16.9124, 32.7133



0.4454, 0.6013, 1.0408

Previews

White Background



This preview shows how the XYZ color 19.1343, 10.6714, 1.0513 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 19.1343, 10.6714, 1.0513

Background



This preview shows how black text looks on a background with the XYZ color 19.1343, 10.6714, 1.0513.



This preview shows how white text looks on a background with the XYZ color 19.1343, 10.6714,

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

19.1343, 10.6714, 1.0513

Protanopia

9.9732, 11.0666, 2.3695

Deuteranopia

11.0436, 10.9963, 1.5404



Tritanopia

19.3147, 10.6574, 2.2674

Trichromacy



Original Color

19.1343, 10.6714, 1.0513

Protanomaly

11.9123, 9.5720, 1.6352

Deuteranomaly

12.9433, 9.8317, 1.2155

Tritanomaly

19.2245, 10.6637, 1.6612

Monochromacy



Original Color

19.1343, 10.6714, 1.0513

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.6883, 6.6681, 3.4139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1343, 10.6714, 1.0513 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(179, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 33, 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(179, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 33, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.1343, 10.6714, 1.0513 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(179, 33, 0) }
```


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

```
.border{ border-color:rgb(179, 33, 0) }
```

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

Here you see how a box with a 4 pixel rgb(179, 33, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 33, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 33, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 33, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.1343, 10.6714, 1.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 33, 0) }
```

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

```
.background{ background-color: rgb(179, 33,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor