

Converting Colors

XYZ(29.0903, 29.4954, 3.9084)

Have a look what the booklet for
XYZ(29.0903, 29.4954, 3.9084)
contains.

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Color

**XYZ(29.1139, 29.5900,
4.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	B68F00
RGB	182, 143, 0
RGB Percent	71%, 56%, 0%
CMY	0.2863, 0.4392, 1.0000
CMYK	0.00, 0.21, 1.00, 0.29
HSL	47°, 100%, 36%
HSV	47°, 100%, 71%
XYZ	29.1139, 29.5900, 4.1770
YIQ	138.3590, 69.1470, -36.2050

Conversions

Conversions Part 2

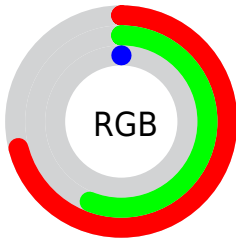
Format	Color
R_{YB}	50, 182, 0
Decimal	11964160
CIE _{Lab}	61.30, 3.86, 65.82
CIE _{LCh}	61, 65.935, 86.642
Yxy	29.5900, 0.4630, 0.4706
Android (android.graphics.Color)	4290154240 (0xFFB68F00)
YUV	138.3590, -68.2110, 38.2732
Hunter-Lab	54.3967, 0.3416, 33.5249

Details

The XYZ color **29.1139, 29.5900, 4.1770** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **9.1693, 4.8289, 44.7045**, and the grayscale version is **24.5303, 25.8078, 28.1047**.

A 20% lighter version of the original color is **57.5276, 58.8250, 14.4532**, and **12.2265, 12.1138, 1.6938** is the 20% darker color. If you saturate the color by 10%, you get **29.1141, 29.5906, 4.1771**, and if you desaturate by 10%, it is **29.8211, 30.8272, 4.9599**.

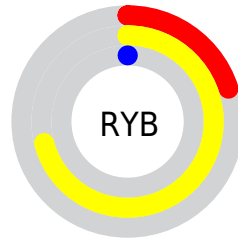
Distribution



Red (71%)

Green (56%)

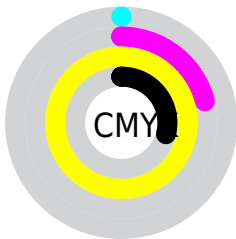
Blue (0%)



Red (20%)

Yellow (71%)

Blue (0%)

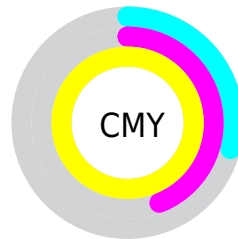


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1139, 29.5900, 4.1770 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 29.1139, 29.5900, 4.1770 by changing the saturation by 10% instead.

■ 29.1139, 29.5900,
4.1770

■ 29.1139, 29.5900,
4.1770

289.7365,
299.9886, 150.1729

■ 19.3117, 19.5276,
1.7229

■ 57.6543, 59.0132,
14.4160

■ 12.0011, 12.0521,
0.3764

■ 77.1232, 79.1427,
23.0379

■ 6.8166, 6.7792,
0.0000

■ 100.5451,
103.3968, 34.5530

■ 3.3930, 3.3244,
0.0000

■ 128.2854,
132.1598, 49.3796

■ 1.3648, 1.3033,
0.0000

■ 160.7092,
165.8161, 67.9364

■ 0.2310, 0.1438,
0.0000

■ 198.1822,

■ 0.0000, 0.0000,

204.7500, 90.6418

0.0000

■ 241.0695,
249.3461, 117.9145

■ 29.1139, 29.5900,
4.1770

■ 29.1139, 29.5900,
4.1770

■ 29.1141, 29.5906,
4.1771

■ 29.8211, 30.8272,
4.9599

■ 30.6512, 32.1452,
6.2914

■ 31.6438, 33.5615,
8.3761

■ 32.8178, 35.0838,
11.3129

■ 34.1894, 36.7190,
15.1858

■ 35.7727, 38.4730,
20.0685

■ 37.5806, 40.3513,
26.0276

■ 39.6247, 42.3588,
33.1237

■ 41.9159, 44.5001,
41.4131

Harmonies

Analogous

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



38.3408, 29.5900, 6.5092



29.1139, 29.5900, 4.1770



21.2821, 29.5900, 5.5915

Triad

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



29.1139, 29.5900, 4.1770



15.6845, 29.5900, 58.7692



44.5025, 29.5900, 66.3142

Complementary

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



29.1139, 29.5900, 4.1770



9.1693, 4.8289, 44.7045

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.



36.2954, 29.5900, 96.6462



29.1139, 29.5900, 4.1770



19.9061, 29.5900, 90.9361

Square

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



29.1139, 29.5900, 4.1770



14.5323, 29.5900, 29.4976



27.1576, 29.5900, 107.4119



48.3022, 29.5900, 35.1017

Rectangle

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



29.1139, 29.5900, 4.1770



17.6475, 29.5900, 9.2769



27.1576, 29.5900, 107.4119



42.0947, 29.5900, 77.4623

Sweetspot

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



29.1146, 29.5915, 4.1776



67.9548, 72.9762, 46.5830



19.6650, 10.0947, 2.8702



14.6955, 15.7969, 9.2411



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.



29.1146, 29.5915, 4.1776



52.6049, 53.2898, 7.5134



26.0009, 38.2361, 6.0103



9.5825, 10.1679, 9.5644



20.6100, 20.9963, 2.9664



0.7679, 0.8229, 0.1184

Inverse Universe

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



9.1693, 4.8289, 44.7045



16.4837, 8.4747, 81.0027



9.8380, 4.0965, 44.5279



8.6730, 9.0231, 11.3640



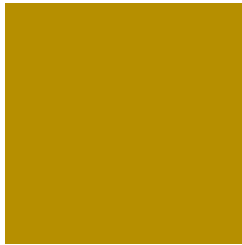
6.5158, 3.4912, 31.5835



0.2754, 0.2146, 1.1286

Previews

White Background



This preview shows how the XYZ color 29.1139, 29.5900, 4.1770 looks on a white background.

Color Contrast Check

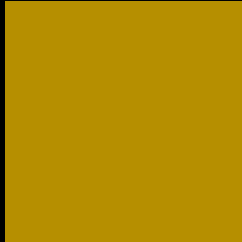
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.1139, 29.5900, 4.1770 looks on a black 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

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

XYZ 29.1139, 29.5900, 4.1770

Background



This preview shows how black text looks on a background with the XYZ color 29.1139, 29.5900, 4.1770.



This preview shows how white text looks on a background with the XYZ color 29.1139, 29.5900,

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

29.1139, 29.5900, 4.1770

Protanopia

26.7331, 29.7301, 4.5879

Deuteranopia

30.3243, 29.7653, 4.4636



Tritanopia

34.3317, 29.5770, 29.8861

Trichromacy



Original Color

29.1139, 29.5900, 4.1770

Protanomaly

27.4798, 29.6512, 4.4472

Deuteranomaly

29.9611, 29.8004, 4.3740

Tritanomaly

31.0837, 29.0858, 13.8734

Monochromacy



Original Color

29.1139, 29.5900, 4.1770

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4660, 26.3308, 13.0254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1139, 29.5900, 4.1770 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, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 143, 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(182, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.1139, 29.5900, 4.1770 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, 143, 0) }
```


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

```
.border{ border-color:rgb(182, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 143,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1139, 29.5900, 4.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 143, 0) }
```

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

```
.background{ background-color: rgb(182,  
143, 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](#).

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