

Converting Colors

XYZ(31.4013, 30.6466, 29.0149)

Have a look what the booklet for
XYZ(31.4013, 30.6466, 29.0149)
contains.

XYZ(31.4366, 30.6903, 29.0779)	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(31.4366, 30.6903,
29.0779)**

Conversions

Conversions Part 1

Format	Color
Hex	AA918C
RGB	170, 145, 140
RGB Percent	67%, 57%, 55%
CMY	0.3333, 0.4314, 0.4510
CMYK	0.00, 0.15, 0.18, 0.33
HSL	10°, 15%, 61%
HSV	10°, 18%, 67%
XYZ	31.4366, 30.6903, 29.0779
YIQ	151.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

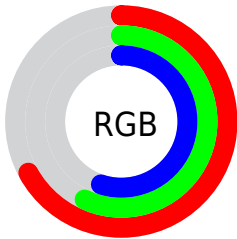
Format	Color
R_{YB}	170, 146, 140
Decimal	11178380
CIE _{Lab}	62.25, 8.52, 6.11
CIE _{LCh}	62, 10.483, 35.658
Yxy	30.6903, 0.3447, 0.3365
Android (android.graphics.Color)	4289368460 (0xFFAA918C)
YUV	151.9050, -5.8692, 15.8693
Hunter-Lab	55.3988, 4.3436, 7.6589

Details

The XYZ color **31.4366, 30.6903, 29.0779** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5258, 35.3872, 43.1993**, and the grayscale version is **29.8243, 31.3774, 34.1700**.

A 20% lighter version of the original color is **61.5251, 60.9106, 59.5531**, and **13.2738, 12.7045, 11.4255** is the 20% darker color. If you saturate the color by 10%, you get **28.2476, 26.1657, 22.3009**, and if you desaturate by 10%, it is **35.0908, 35.8350, 36.9662**.

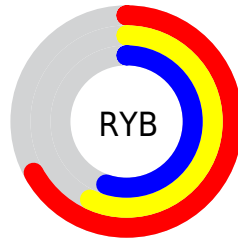
Distribution



Red (67%)

Green (57%)

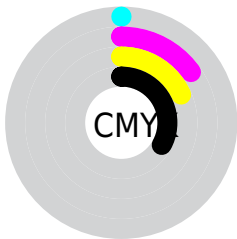
Blue (55%)



Red (67%)

Yellow (57%)

Blue (55%)

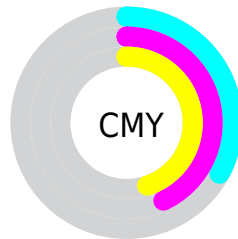


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4366, 30.6903, 29.0779 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 31.4366, 30.6903, 29.0779 by changing the saturation by 10% instead.


 31.4366, 30.6903,
29.0779


 31.4366, 30.6903,
29.0779


300.3358,
305.1090, 311.6548


 21.0850, 20.3631,
18.8937


 61.2980, 60.7521,
59.2445

 13.2990, 12.6593,
11.4174


 81.5385, 81.2556,
80.0639

 7.7131, 7.1944,
6.2307


 105.8059,
105.9200, 105.2655

 3.9622, 3.5839,
2.9148

134.4658,
135.1296, 135.2678

 1.6808, 1.4437,
1.0513

167.8833,
169.2690, 170.4894

 0.4442, 0.2486,
0.0000

206.4239,

 0.0000, 0.0000,

208.7224, 211.3487

0.0000

250.4530,
253.8742, 258.2643

■ 31.4366, 30.6903,
29.0779

■ 31.4366, 30.6903,
29.0779

■ 28.2476, 26.1657,
22.3009

■ 35.0908, 35.8350,
36.9662

■ 25.5027, 22.2336,
16.5833

■ 39.2255, 41.6176,
46.0106

■ 23.1825, 18.8706,
11.8719

■ 43.8582, 48.0605,
56.2560

■ 21.2655, 16.0501,
8.1082

■ 49.0048, 55.1838,
67.7441

■ 19.7281, 13.7435,
5.2275

■ 54.6805, 63.0065,
80.5147

■ 18.5442, 11.9193,
3.1571

■ 60.9000, 71.5472,
94.6058

■ 17.6842, 10.5425,
1.8124

■ 67.0261, 80.5630,
106.6253

■ 17.1077, 9.5710,
1.0606

■ 70.3877, 87.2861,
107.7458

■ 17.0013, 9.3934,
0.9170

Harmonies

Analogous

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



31.9616, 30.6903, 32.6544



31.4366, 30.6903, 29.0779



30.3058, 30.6903, 26.8096

Triad

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



31.4366, 30.6903, 29.0779



26.7615, 30.6903, 30.3073



29.4392, 30.6903, 41.7836

Complementary

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



31.4366, 30.6903, 29.0779



31.5258, 35.3872, 43.1993

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.



28.0633, 30.6903, 41.0285



31.4366, 30.6903, 29.0779



26.5462, 30.6903, 34.1905

Square

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



31.4366, 30.6903, 29.0779



27.6131, 30.6903, 27.4782



27.0155, 30.6903, 38.1666



30.7848, 30.6903, 40.1541

Rectangle

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



31.4366, 30.6903, 29.0779



29.3766, 30.6903, 26.2351



27.0155, 30.6903, 38.1666



28.9648, 30.6903, 41.8017

Sweetspot

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



31.4374, 30.6917, 29.0785



65.5014, 67.5882, 71.0623



32.7475, 30.0193, 39.6659



14.4966, 14.9177, 15.6064



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.



31.4374, 30.6917, 29.0785



54.7818, 52.4912, 47.9367



33.8823, 35.5815, 29.8935



7.6285, 7.7370, 7.8806



12.5352, 6.9676, 0.6842



0.3336, 0.2268, 0.0262

Inverse Universe

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



31.5258, 35.3872, 43.1993



54.9696, 62.5439, 78.1769



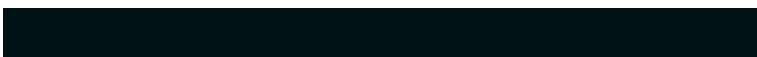
28.9777, 30.2908, 42.3499



7.6395, 8.3159, 9.6208



12.4495, 16.3591, 30.4770



0.3303, 0.4528, 0.7506

Previews

White Background



This preview shows how the XYZ color 31.4366, 30.6903, 29.0779 looks on a white 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

Black Background



This preview shows how the XYZ color 31.4366, 30.6903, 29.0779 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 ✓ Pass

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

XYZ 31.4366, 30.6903, 29.0779

Background



This preview shows how black text looks on a background with the XYZ color 31.4366, 30.6903, 29.0779.



This preview shows how white text looks on a background with the XYZ color 31.4366, 30.6903,

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

31.4366, 30.6903, 29.0779

Protanopia

29.3818, 30.7644, 30.3761

Deuteranopia

31.2212, 30.5793, 29.0678



Tritanopia

32.6685, 30.7487, 34.7851

Trichromacy



Original Color

31.4366, 30.6903, 29.0779

Protanomaly

29.9696, 30.6064, 29.9192

Deuteranomaly

31.2212, 30.5793, 29.0678

Tritanomaly

32.1927, 30.7744, 32.6771

Monochromacy



Original Color

31.4366, 30.6903, 29.0779

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.3908, 31.0039, 32.3996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4366, 30.6903, 29.0779 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(170, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(170, 145, 140)  
}
```

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(170, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 145, 140) }
```

Border

The CSS property to change the border of an element to XYZ 31.4366, 30.6903, 29.0779 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(170, 145, 140) }
```


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

```
.border{ border-color:rgb(170, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(170, 145,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4366, 30.6903, 29.0779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 145, 140) }
```

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

```
.background{ background-color: rgb(170,  
145, 140) }
```

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