

Converting Colors

XYZ(30.7276, 30.1088, 30.6588)

Have a look what the booklet for
XYZ(30.7276, 30.1088, 30.6588)
contains.

XYZ(30.7332, 30.0671, 30.5693)	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(30.7332, 30.0671,
30.5693)**

Conversions

Conversions Part 1

Format	Color
Hex	A69090
RGB	166, 144, 144
RGB Percent	65%, 56%, 56%
CMY	0.3490, 0.4353, 0.4353
CMYK	0.00, 0.13, 0.13, 0.35
HSL	0°, 11%, 61%
HSV	0°, 13%, 65%
XYZ	30.7332, 30.0671, 30.5693
YIQ	150.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

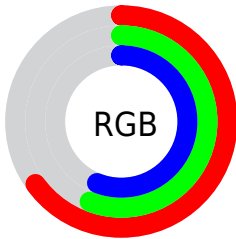
Format	Color
R _Y B	166, 144, 144
Decimal	10915984
CIE Lab	61.71, 8.22, 3.03
CIE LCh	62, 8.757, 20.218
Yxy	30.0671, 0.3364, 0.3291
Android (android.graphics.Color)	4289106064 (0xFFA69090)
YUV	150.5780, -3.2430, 13.5251
Hunter-Lab	54.8335, 4.0875, 5.3296

Details

The XYZ color **30.7332, 30.0671, 30.5693** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0207, 35.9543, 41.3290**, and the grayscale version is **29.2453, 30.7684, 33.5068**.

A 20% lighter version of the original color is **60.2059, 59.8375, 61.8027**, and **12.9625, 12.3910, 12.2982** is the 20% darker color. If you saturate the color by 10%, you get **27.2249, 24.9337, 23.5938**, and if you desaturate by 10%, it is **34.7994, 36.0170, 38.6520**.

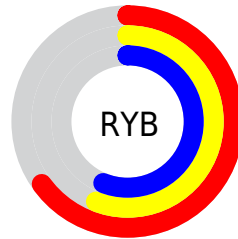
Distribution



Red (65%)

Green (56%)

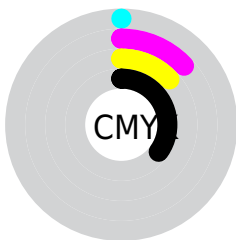
Blue (56%)



Red (65%)

Yellow (56%)

Blue (56%)

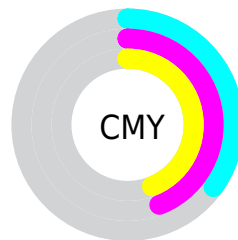


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7332, 30.0671, 30.5693 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 30.7332, 30.0671, 30.5693 by changing the saturation by 10% instead.

■ 30.7332, 30.0671,
30.5693

■ 30.7332, 30.0671,
30.5693

297.1562,
302.2171, 318.8387

■ 20.5466, 19.8895,
20.0154

■ 60.1985, 59.7683,
61.6329

■ 12.9036, 12.3148,
12.2220

■ 80.2079, 80.0607,
82.9798

■ 7.4387, 6.9584,
6.7707

104.2222,
104.4935, 108.7613

■ 3.7867, 3.4361,
3.2429

132.6069,
133.4510, 139.3961

■ 1.5822, 1.3634,
1.2199

165.7273,
167.3178, 175.3027

■ 0.3808, 0.1895,
0.0000

203.9488,

■ 0.0000, 0.0000,

206.4781, 216.8996

0.0000

247.6366,
251.3164, 264.6054

■ 30.7332, 30.0671,
30.5693

■ 30.7332, 30.0671,
30.5693

■ 27.2249, 24.9337,
23.5938

■ 34.7994, 36.0170,
38.6520

■ 24.2479, 20.5774,
17.6754

■ 39.4436, 42.8127,
47.8850

■ 21.7769, 16.9617,
12.7632

■ 44.6882, 50.4868,
58.3117

■ 19.7838, 14.0452,
8.8012

■ 50.5534, 59.0691,
69.9723

■ 18.2379, 11.7830,
5.7281

■ 57.0588, 68.5879,
82.9056

■ 17.1045, 10.1245,
3.4753

■ 64.2227, 79.0704,
97.1484

■ 16.3442, 9.0119,
1.9642

■ 69.5361, 86.8471,
107.7060

■ 15.9098, 8.3761,
1.1009

■ 15.7263, 8.1075,
0.7360

Harmonies

Analogous

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



30.8441, 30.0671, 33.8408



30.7332, 30.0671, 30.5693



30.0362, 30.0671, 28.0486

Triad

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



30.7332, 30.0671, 30.5693



26.8898, 30.0671, 28.7999



28.1987, 30.0671, 39.4800

Complementary

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



30.7332, 30.0671, 30.5693



32.0207, 35.9543, 41.3290

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.



27.1675, 30.0671, 37.9229



30.7332, 30.0671, 30.5693



26.4255, 30.0671, 31.6594

Square

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



30.7332, 30.0671, 30.5693



27.8103, 30.0671, 27.0762



26.5258, 30.0671, 35.0068



29.3595, 30.0671, 39.1387

Rectangle

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



30.7332, 30.0671, 30.5693



29.3432, 30.0671, 27.0615



26.5258, 30.0671, 35.0068



27.8260, 30.0671, 39.1574

Sweetspot

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



30.7340, 30.0684, 30.5699



62.5117, 64.4227, 68.8662



32.5825, 30.8071, 40.3059



13.8614, 14.2300, 15.1574



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.7340, 30.0684, 30.5699



53.7349, 51.5801, 51.4177



32.4817, 33.5637, 31.1525



7.5312, 7.5425, 7.8482



12.1949, 6.2870, 0.5708



0.2967, 0.1530, 0.0139

Inverse Universe

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



32.0207, 35.9543, 41.3290



56.5471, 64.4450, 74.9341



30.1063, 32.1256, 40.6909



7.7475, 8.5319, 9.6568



15.9086, 23.2775, 31.6300



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 30.7332, 30.0671, 30.5693 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 30.7332, 30.0671, 30.5693 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 30.7332, 30.0671, 30.5693

Background



This preview shows how black text looks on a background with the XYZ color 30.7332, 30.0671, 30.5693.



This preview shows how white text looks on a background with the XYZ color 30.7332, 30.0671,

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

30.7332, 30.0671, 30.5693

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

30.5244, 29.9595, 30.5595



Tritanopia

31.5915, 30.1935, 34.7347

Trichromacy



Original Color

30.7332, 30.0671, 30.5693

Protanomaly

29.5267, 30.1109, 31.4499

Deuteranomaly

30.5244, 29.9595, 30.5595

Tritanomaly

31.2638, 30.0624, 33.0090

Monochromacy



Original Color

30.7332, 30.0671, 30.5693

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6455, 30.3858, 32.3195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7332, 30.0671, 30.5693 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(166, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 144)  
}
```

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(166, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.7332, 30.0671, 30.5693 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(166, 144, 144) }
```


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

```
.border{ border-color:rgb(166, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7332, 30.0671, 30.5693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 144) }
```

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

```
.background{ background-color: rgb(166,  
144, 144) }
```

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