

Converting Colors

XYZ(28.8326, 30.6462, 21.5766)

Have a look what the booklet for
XYZ(28.8326, 30.6462, 21.5766)
contains.

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Color

**XYZ(28.8743, 30.6978,
21.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	A19676
RGB	161, 150, 118
RGB Percent	63%, 59%, 46%
CMY	0.3686, 0.4117, 0.5372
CMYK	0.00, 0.07, 0.27, 0.37
HSL	45°, 19%, 55%
HSV	45°, 27%, 63%
XYZ	28.8743, 30.6978, 21.5430
YIQ	149.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

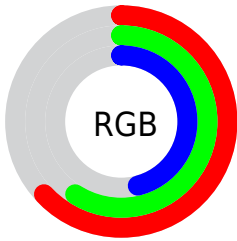
Format	Color
RYB	133, 161, 118
Decimal	10589814
CIELab	62.25, -1.17, 18.38
CIELCh	62, 18.413, 93.649
Yxy	30.6978, 0.3560, 0.3784
Android (android.graphics.Color)	4288779894 (0xFFA19676)
YUV	149.6410, -15.5990, 9.9618
Hunter-Lab	55.4056, -3.9356, 15.7306

Details

The XYZ color **28.8743, 30.6978, 21.5430** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.7543, 22.1246, 36.8422**, and the grayscale version is **28.8970, 30.4019, 33.1076**.

A 20% lighter version of the original color is **57.1675, 60.6869, 46.7309**, and **11.8427, 12.6046, 7.4390** is the 20% darker color. If you saturate the color by 10%, you get **27.3528, 29.0574, 16.7118**, and if you desaturate by 10%, it is **30.5838, 32.4525, 27.2434**.

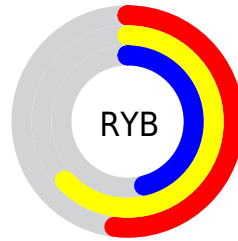
Distribution



Red (63%)

Green (59%)

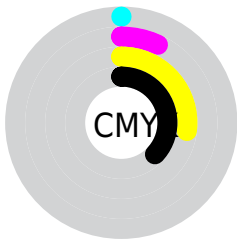
Blue (46%)



Red (52%)

Yellow (63%)

Blue (46%)

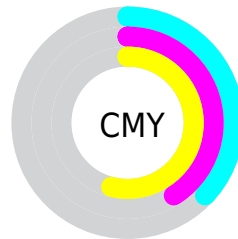


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (37%)



Cyan (37%)

Magenta (41%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8743, 30.6978, 21.5430 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 28.8743, 30.6978, 21.5430 by changing the saturation by 10% instead.

■ 28.8743, 30.6978,
21.5430

■ 28.8743, 30.6978,
21.5430

288.6263,
305.1437, 273.0255

■ 19.1296, 20.3688,
13.3264

■ 57.2763, 60.7640,
46.8820

■ 11.8685, 12.6634,
7.5203

■ 76.6642, 81.2700,
64.8414

■ 6.7258, 7.1972,
3.7062

■ 99.9972, 105.9371,
86.8855

■ 3.3360, 3.5857,
1.4656

127.6407,
135.1498, 113.4329

■ 1.3338, 1.4446,
0.1921

159.9600,
169.2924, 144.9021

■ 0.2083, 0.2493,
0.0000

197.3205,

■ 0.0000, 0.0000,

208.7493, 181.7115

0.0000

240.0874,
253.9049, 224.2798

■ 28.8743, 30.6978,
21.5430

■ 28.8743, 30.6978,
21.5430

■ 27.3528, 29.0574,
16.7118

■ 30.5838, 32.4525,
27.2434

■ 26.0085, 27.5234,
12.7040

■ 32.4868, 34.3208,
33.8516

■ 24.8328, 26.0930,
9.4727

■ 34.5917, 36.3075,
41.4064

■ 23.8156, 24.7618,
6.9654

■ 36.9054, 38.4158,
49.9437

■ 22.9453, 23.5248,
5.1232

■ 39.4346, 40.6487,
59.4974

■ 22.2089, 22.3764,
3.8777

■ 42.1856, 43.0090,
70.1000

■ 21.5868, 21.3083,
3.1274

■ 45.1646, 45.4996,
81.7823

■ 21.3938, 20.9688,
2.9198

■ 48.3773, 48.1231,
94.5741

■ 50.5307, 50.3626,
101.6654

Harmonies

Analogous

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



31.3502, 30.6978, 22.6002



28.8743, 30.6978, 21.5430



26.6089, 30.6978, 23.2778

Triad

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



28.8743, 30.6978, 21.5430



25.3775, 30.6978, 41.5955



33.6721, 30.6978, 39.8746

Complementary

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



28.8743, 30.6978, 21.5430



21.7543, 22.1246, 36.8422

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.



31.9060, 30.6978, 46.1602



28.8743, 30.6978, 21.5430



27.1073, 30.6978, 47.2486

Square

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



28.8743, 30.6978, 21.5430



24.6637, 30.6978, 34.3032



29.4825, 30.6978, 49.0267



34.2106, 30.6978, 32.5613

Rectangle

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



28.8743, 30.6978, 21.5430



25.4955, 30.6978, 25.9515



29.4825, 30.6978, 49.0267



33.1976, 30.6978, 42.2102

Sweetspot

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



28.8751, 30.6992, 21.5436



57.6673, 60.9698, 58.8145



25.1702, 22.1317, 23.8775



12.5369, 13.2644, 12.5116



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.8751, 30.6992, 21.5436



50.0666, 53.2230, 33.2995



28.7714, 33.3740, 22.0654



7.4954, 7.9292, 7.5155



17.1205, 16.8148, 2.3432



0.3943, 0.4224, 0.0607

Inverse Universe

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



21.7543, 22.1246, 36.8422



35.1582, 35.2751, 65.3423



21.8189, 20.1223, 36.4523



6.8409, 7.1407, 8.9208



5.8047, 3.3889, 27.2780



0.1575, 0.1423, 0.5850

Previews

White Background



This preview shows how the XYZ color 28.8743, 30.6978, 21.5430 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 28.8743, 30.6978, 21.5430 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 28.8743, 30.6978, 21.5430

Background



This preview shows how black text looks on a background with the XYZ color 28.8743, 30.6978, 21.5430.



This preview shows how white text looks on a background with the XYZ color 28.8743, 30.6978,

21.5430.

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

28.8743, 30.6978, 21.5430

Protanopia

28.6736, 30.5943, 21.5336

Deuteranopia

31.3597, 30.8128, 21.7474



Tritanopia

31.8520, 30.7581, 35.7106

Trichromacy



Original Color

28.8743, 30.6978, 21.5430

Protanomaly

28.6736, 30.5943, 21.5336

Deuteranomaly

30.5581, 30.8573, 21.7982

Tritanomaly

30.6260, 30.7129, 29.9052

Monochromacy



Original Color

28.8743, 30.6978, 21.5430

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8202, 30.5177, 28.4163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8743, 30.6978, 21.5430 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(161, 150, 118)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 118)  
}
```

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(161, 150, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 118) }
```

Border

The CSS property to change the border of an element to XYZ 28.8743, 30.6978, 21.5430 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(161, 150, 118) }
```


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

```
.border{ border-color:rgb(161, 150, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 150, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 150, 118);  
box-shadow:4px 4px 4px 4px rgb(161, 150,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8743, 30.6978, 21.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 118) }
```

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

```
.background{ background-color: rgb(161,  
150, 118) }
```

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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