

Converting Colors

XYZ(28.5692, 30.5982, 18.8693)

Have a look what the booklet for
XYZ(28.5692, 30.5982, 18.8693)
contains.

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Color

**XYZ(28.5670, 30.5982,
18.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	A2966D
RGB	162, 150, 109
RGB Percent	64%, 59%, 43%
CMY	0.3647, 0.4117, 0.5725
CMYK	0.00, 0.07, 0.33, 0.36
HSL	46°, 22%, 53%
HSV	46°, 33%, 64%
XYZ	28.5670, 30.5982, 18.8684
YIQ	148.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

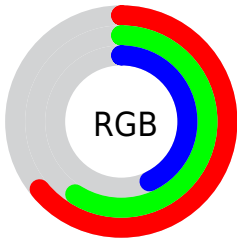
Format	Color
RYB	125, 162, 109
Decimal	10655341
CIELab	62.17, -2.00, 23.27
CIELCh	62, 23.353, 94.921
Yxy	30.5982, 0.3661, 0.3921
Android (android.graphics.Color)	4288845421 (0xFFA2966D)
YUV	148.9140, -19.6776, 11.4764
Hunter-Lab	55.3156, -4.6185, 18.4969

Details

The XYZ color **28.5670, 30.5982, 18.8684** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6656, 19.5341, 36.9166**, and the grayscale version is **28.6057, 30.0954, 32.7739**.

A 20% lighter version of the original color is **56.9393, 60.6644, 42.4266**, and **11.6108, 12.5118, 6.2179** is the 20% darker color. If you saturate the color by 10%, you get **27.1983, 29.1301, 14.4990**, and if you desaturate by 10%, it is **30.1163, 32.1700, 24.0917**.

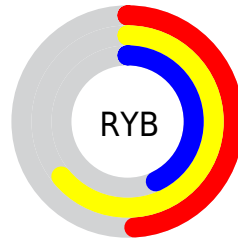
Distribution



Red (64%)

Green (59%)

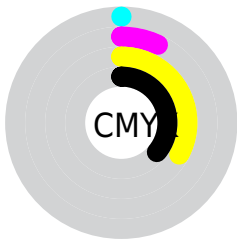
Blue (43%)



Red (49%)

Yellow (64%)

Blue (43%)

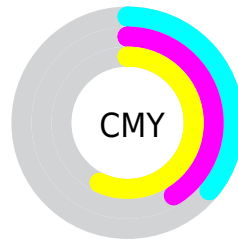


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5670, 30.5982, 18.8684 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 28.5670, 30.5982, 18.8684 by changing the saturation by 10% instead.

■ 28.5670, 30.5982,
18.8684

■ 28.5670, 30.5982,
18.8684

287.1976,
304.6829, 258.1198

■ 18.8961, 20.2931,
11.3994

■ 56.7908, 60.6069,
42.3453

■ 11.6988, 12.6083,
6.2186

■ 76.0744, 81.0793,
59.1903

■ 6.6097, 7.1594,
2.9075

■ 99.2929, 105.7096,
79.9977

■ 3.2634, 3.5620,
1.0476

■ 126.8118,
134.8821, 105.1861

■ 1.2945, 1.4317,
0.0000

158.9964,
168.9813, 135.1739

■ 0.1791, 0.2399,
0.0000

196.2120,

■ 0.0000, 0.0000,

208.3916, 170.3798

0.0000

238.8239,
253.4974, 211.2222

■ 28.5670, 30.5982,
18.8684

■ 28.5670, 30.5982,
18.8684

■ 27.1983, 29.1301,
14.4990

■ 30.1163, 32.1700,
24.0917

■ 25.9989, 27.7577,
10.9351

■ 31.8523, 33.8449,
30.2102

■ 24.9598, 26.4782,
8.1261

■ 33.7834, 35.6277,
37.2645

■ 24.0698, 25.2868,
6.0150

■ 35.9170, 37.5216,
45.2924

■ 23.3165, 24.1784,
4.5367

■ 38.2600, 39.5296,
54.3296

■ 22.6851, 23.1466,
3.6136

■ 40.8190, 41.6546,
64.4098

■ 22.2761, 22.4328,
3.1559

■ 43.6003, 43.8992,
75.5653

■ 46.6097, 46.2662,
87.8269

■ 49.8532, 48.7581,
101.2243

Harmonies

Analogous

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



31.7220, 30.5982, 19.9629



28.5670, 30.5982, 18.8684



25.7564, 30.5982, 21.0375

Triad

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



28.5670, 30.5982, 18.8684



24.4006, 30.5982, 44.2465



34.9110, 30.5982, 41.2097

Complementary

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



28.5670, 30.5982, 18.8684



19.6656, 19.5341, 36.9166

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.



32.6836, 30.5982, 49.6303



28.5670, 30.5982, 18.8684



26.5939, 30.5982, 51.5934

Square

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



28.5670, 30.5982, 18.8684



23.4641, 30.5982, 34.8241



29.6045, 30.5982, 53.7221



35.5334, 30.5982, 31.8526

Rectangle

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



28.5670, 30.5982, 18.8684



24.4091, 30.5982, 24.3211



29.6045, 30.5982, 53.7221



34.3176, 30.5982, 44.2939

Sweetspot

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



28.5678, 30.5996, 18.8690



58.6767, 62.2415, 57.9148



23.8430, 20.0085, 20.8130



13.0765, 13.8837, 12.6387



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.5678, 30.5996, 18.8690



50.0826, 53.6579, 28.5234



27.8696, 33.2285, 19.4133



7.5128, 7.9641, 7.5213



17.5828, 17.7395, 2.4974



0.4011, 0.4361, 0.0630

Inverse Universe

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



19.6656, 19.5341, 36.9166



31.4660, 30.5253, 66.2897



20.1781, 17.7671, 36.5485



6.8245, 7.1080, 8.9154



5.6790, 3.1373, 27.2360



0.1518, 0.1309, 0.5831

Previews

White Background



This preview shows how the XYZ color 28.5670, 30.5982, 18.8684 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 28.5670, 30.5982, 18.8684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

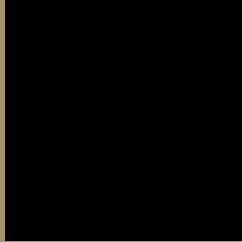
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5670, 30.5982, 18.8684

Background



This preview shows how black text looks on a background with the XYZ color 28.5670, 30.5982, 18.8684.



This preview shows how white text looks on a background with the XYZ color 28.5670, 30.5982,

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

28.5670, 30.5982, 18.8684

Protanopia

28.5670, 30.5982, 18.8684

Deuteranopia

31.1478, 30.5373, 19.0045



Tritanopia

31.8260, 30.5286, 35.2255

Trichromacy



Original Color

28.5670, 30.5982, 18.8684

Protanomaly

28.5670, 30.5982, 18.8684

Deuteranomaly

30.1066, 30.4542, 19.0433

Tritanomaly

30.3834, 30.3921, 28.3096

Monochromacy



Original Color

28.5670, 30.5982, 18.8684

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3769, 30.0861, 26.8658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5670, 30.5982, 18.8684 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(162, 150, 109)` looks like.

```
.text, #text, p{  
    color:rgb(162, 150, 109)  
}
```

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(162, 150, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 150, 109) }
```

Border

The CSS property to change the border of an element to XYZ 28.5670, 30.5982, 18.8684 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(162, 150, 109) }
```


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

```
.border{ border-color:rgb(162, 150, 109) }
```

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

Here you see how a box with a 4 pixel rgb(162, 150, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 150, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 150, 109);  
box-shadow:4px 4px 4px 4px rgb(162, 150,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5670, 30.5982, 18.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 150, 109) }
```

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

```
.background{ background-color: rgb(162,  
150, 109) }
```

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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