

Converting Colors

XYZ(30.3280, 34.2416, 28.6779)

Have a look what the booklet for
XYZ(30.3280, 34.2416, 28.6779)
contains.

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Color

**XYZ(30.3846, 34.3222,
28.6903)**

Conversions

Conversions Part 1

Format	Color
Hex	98A289
RGB	152, 162, 137
RGB Percent	60%, 64%, 54%
CMY	0.4039, 0.3647, 0.4627
CMYK	0.06, 0.00, 0.15, 0.36
HSL	84°, 12%, 59%
HSV	84°, 15%, 64%
XYZ	30.3846, 34.3222, 28.6903
YIQ	156.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

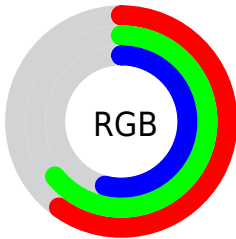
Format	Color
RYB	137, 162, 147
Decimal	10003081
CIELab	65.22, -8.19, 11.81
CIELCh	65, 14.375, 124.754
Yxy	34.3222, 0.3253, 0.3675
Android (android.graphics.Color)	4288193161 (0xFF98A289)
YUV	156.1600, -9.4459, -3.6483
Hunter-Lab	58.5852, -9.9468, 11.9741

Details

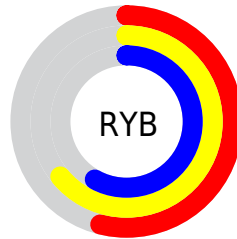
The XYZ color **30.3846, 34.3222, 28.6903** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.5012, 26.7039, 37.8891**, and the grayscale version is **31.7123, 33.3639, 36.3332**.

A 20% lighter version of the original color is **59.5607, 66.4652, 58.4051**, and **12.6631, 14.6067, 11.1688** is the 20% darker color. If you saturate the color by 10%, you get **28.1288, 33.2847, 22.9672**, and if you desaturate by 10%, it is **32.8831, 35.4667, 35.3370**.

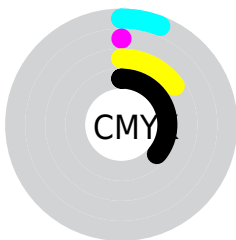
Distribution



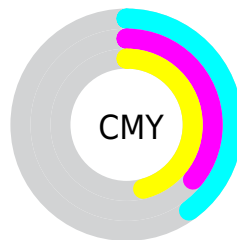
- Red (60%)
- Green (64%)
- Blue (54%)



- Red (54%)
- Yellow (64%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3846, 34.3222, 28.6903 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 30.3846, 34.3222, 28.6903 by changing the saturation by 10% instead.

■ 30.3846, 34.3222,
28.6903

■ 30.3846, 34.3222,
28.6903

295.5708,
321.5664, 309.7660

■ 20.2802, 23.1412,
18.6031

■ 59.6523, 66.4344,
58.6210

■ 12.7083, 14.6978,
11.2099

■ 79.5464, 88.1344,
79.3015

■ 7.3036, 8.6076,
6.0923

■ 103.4344,
114.1096, 104.3503

■ 3.7007, 4.4861,
2.8316

131.6817,
144.7443, 134.1858

■ 1.5343, 1.9490,
1.0093

164.6536,
180.4229, 169.2266

■ 0.3490, 0.5776,
0.0000

202.7155,

■ 0.0000, 0.0000,

221.5299, 209.8911

0.0000

246.2328,
268.4496, 256.5981

■ 30.3846, 34.3222,
28.6903

■ 30.3846, 34.3222,
28.6903

■ 28.1288, 33.2847,
22.9672

■ 32.8831, 35.4667,
35.3370

■ 26.1041, 32.3460,
18.1248

■ 35.6298, 36.7172,
42.9436

■ 24.3021, 31.5038,
14.1196

■ 38.6335, 38.0783,
51.5467

■ 22.7125, 30.7539,
10.9041

■ 41.9016, 39.5533,
61.1809

■ 21.3243, 30.0916,
8.4257

■ 45.4414, 41.1450,
71.8786

■ 20.1251, 29.5120,
6.6253

■ 49.2596, 42.8563,
83.6712

■ 19.1008, 29.0093,
5.4351

■ 53.3630, 44.6900,
96.5885

■ 18.2336, 28.5761,
4.7672

■ 55.8324, 45.8785,
100.5205

■ 17.8710, 28.3938,
4.5387

■ 57.6445, 46.8127,
100.6053

Harmonies

Analogous

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



32.2903, 34.3222, 27.0350



30.3846, 34.3222, 28.6903



29.1208, 34.3222, 32.6742

Triad

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



30.3846, 34.3222, 28.6903



30.9381, 34.3222, 48.7772



36.7931, 34.3222, 36.4253

Complementary

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



30.3846, 34.3222, 28.6903



27.5012, 26.7039, 37.8891

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.



36.3937, 34.3222, 42.4977



30.3846, 34.3222, 28.6903



32.9564, 34.3222, 50.0538

Square

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



30.3846, 34.3222, 28.6903



29.4307, 34.3222, 44.3232



34.9671, 34.3222, 47.6468



36.0366, 34.3222, 31.1867

Rectangle

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



30.3846, 34.3222, 28.6903



28.7819, 34.3222, 36.3286



34.9671, 34.3222, 47.6468



36.7899, 34.3222, 38.4332

Sweetspot

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



30.3855, 34.3237, 28.6910



59.8552, 64.4578, 64.5869



29.8506, 30.3561, 27.9534



13.3717, 14.4443, 14.3116



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.



30.3855, 34.3237, 28.6910



53.4995, 61.5461, 47.8065



28.1679, 33.1805, 28.5873



7.3739, 8.0952, 7.5540



14.1280, 22.3937, 3.5778



0.3481, 0.4969, 0.0776

Inverse Universe

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



27.5012, 26.7039, 37.8891



47.1073, 44.6580, 68.1931



29.8659, 27.9230, 37.9998



6.9562, 6.9918, 8.8860



6.8916, 2.9592, 27.1377



0.1974, 0.0893, 0.5727

Previews

White Background



This preview shows how the XYZ color 30.3846, 34.3222, 28.6903 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 30.3846, 34.3222, 28.6903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

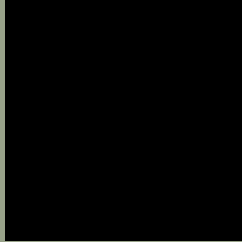
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3846, 34.3222, 28.6903

Background



This preview shows how black text looks on a background with the XYZ color 30.3846, 34.3222, 28.6903.



This preview shows how white text looks on a background with the XYZ color 30.3846, 34.3222,

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

30.3846, 34.3222, 28.6903

Protanopia

32.3259, 34.3100, 27.8404

Deuteranopia

34.7108, 34.0239, 29.1639



Tritanopia

33.2173, 34.1843, 42.8777

Trichromacy



Original Color

30.3846, 34.3222, 28.6903

Protanomaly

31.5400, 34.1509, 28.2220

Deuteranomaly

33.0535, 34.1580, 28.8958

Tritanomaly

32.0873, 34.2335, 37.2643

Monochromacy



Original Color

30.3846, 34.3222, 28.6903

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1692, 33.5922, 33.2749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3846, 34.3222, 28.6903 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(152, 162, 137)` looks like.

```
.text, #text, p{  
    color:rgb(152, 162, 137)  
}
```

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(152, 162, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 162, 137) }
```

Border

The CSS property to change the border of an element to XYZ 30.3846, 34.3222, 28.6903 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(152, 162, 137) }
```


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

```
.border{ border-color:rgb(152, 162, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 162, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 162, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 162, 137);  
box-shadow:4px 4px 4px 4px rgb(152, 162,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3846, 34.3222, 28.6903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 162, 137) }
```

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

```
.background{ background-color: rgb(152,  
162, 137) }
```

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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