

Converting Colors

XYZ(28.0897, 36.3756, 18.6374)

Have a look what the booklet for
XYZ(28.0897, 36.3756, 18.6374)
contains.

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Color

**XYZ(28.0897, 36.3756,
18.6374)**

Conversions

Conversions Part 1

Format	Color
Hex	8BAD68
RGB	139, 173, 104
RGB Percent	55%, 68%, 41%
CMY	0.4549, 0.3216, 0.5921
CMYK	0.20, 0.00, 0.40, 0.32
HSL	90°, 30%, 54%
HSV	90°, 40%, 68%
XYZ	28.0897, 36.3756, 18.6374
YIQ	154.9680, 1.8850, -28.6670

Conversions

Conversions Part 2

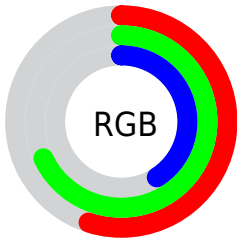
Format	Color
RYB	104, 173, 138
Decimal	9153896
CIELab	66.81, -23.87, 31.72
CIELCh	67, 39.703, 126.966
Yxy	36.3756, 0.3380, 0.4377
Android (android.graphics.Color)	4287343976 (0xFF8BAD68)
YUV	154.9680, -25.1272, -14.0039
Hunter-Lab	60.3122, -22.4120, 23.8970

Details

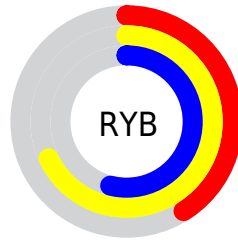
The XYZ color **28.0897, 36.3756, 18.6374** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9759, 18.3221, 41.8628**, and the grayscale version is **31.2495, 32.8769, 35.8029**.

A 20% lighter version of the original color is **56.2682, 69.9083, 41.9805**, and **11.3365, 15.7350, 6.0541** is the 20% darker color. If you saturate the color by 10%, you get **25.9314, 35.3554, 14.4106**, and if you desaturate by 10%, it is **30.5412, 37.5284, 23.8205**.

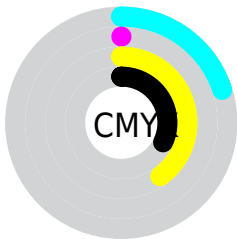
Distribution



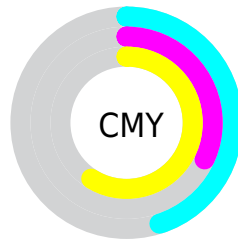
- Red (55%)
- Green (68%)
- Blue (41%)



- Red (41%)
- Yellow (68%)
- Blue (54%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (32%)



- Cyan (45%)
- Magenta (32%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0897, 36.3756, 18.6374 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 28.0897, 36.3756, 18.6374 by changing the saturation by 10% instead.

■ 28.0897, 36.3756,
18.6374

■ 28.0897, 36.3756,
18.6374

284.9676,
330.5993, 256.7953

■ 18.5341, 24.7244,
11.2344

■ 56.0353, 69.6114,
41.9490

■ 11.4361, 15.8719,
6.1086

■ 75.1559, 91.9648,
58.6947

■ 6.4304, 9.4335,
2.8414

■ 98.1956, 118.6544,
79.3917

■ 3.1517, 5.0250,
1.0142

■ 125.5198,
150.0646, 104.4585

■ 1.2345, 2.2619,
0.0000

157.4937,
186.5798, 134.3138

■ 0.1333, 0.7535,
0.0000

194.4827,

■ 0.0000, 0.0000,

228.5844, 169.3760

0.0000

236.8522,
276.4627, 210.0636

■ 28.0897, 36.3756,
18.6374

■ 28.0897, 36.3756,
18.6374

■ 25.9314, 35.3554,
14.4106

■ 30.5412, 37.5284,
23.8205

■ 24.0498, 34.4572,
11.0791

■ 33.2958, 38.8142,
30.0112

■ 22.4311, 33.6764,
8.5787


■ 36.3661, 40.2397,
37.2599


■ 21.0585, 33.0059,
6.8355


■ 39.7631, 41.8096,
45.6128


■ 19.9126, 32.4378,
5.7627


■ 43.4975, 43.5283,
55.1137


 18.9554, 31.9564,
5.1749

 47.5790, 45.4001,
65.8038

 18.9451, 31.9511,
5.1687

 52.0174, 47.4289,
77.7222

 56.8217, 49.6188,
90.9064

 61.2336, 51.6666,
101.3530

Harmonies

Analogous

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



33.1935, 36.3756, 15.0286



28.0897, 36.3756, 18.6374



25.0060, 36.3756, 28.0335

Triad

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



28.0897, 36.3756, 18.6374



30.2531, 36.3756, 78.4610



47.3374, 36.3756, 35.7333

Complementary

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



28.0897, 36.3756, 18.6374



22.9759, 18.3221, 41.8628

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.



46.3156, 36.3756, 53.9939



28.0897, 36.3756, 18.6374



35.9921, 36.3756, 82.2926

Square

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



28.0897, 36.3756, 18.6374



26.1504, 36.3756, 62.9845



41.9863, 36.3756, 72.3086



44.6360, 36.3756, 22.8746

Rectangle

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



28.0897, 36.3756, 18.6374



24.2849, 36.3756, 37.8833



41.9863, 36.3756, 72.3086



47.4225, 36.3756, 41.3819

Sweetspot

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



28.0906, 36.3772, 18.6382



63.7967, 71.4476, 63.5356



28.7292, 27.8761, 16.9636



13.7127, 15.4568, 13.4462



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.



28.0906, 36.3772, 18.6382



46.8202, 63.4975, 26.5222



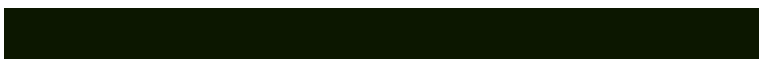
23.2867, 33.9007, 18.4134



8.2771, 9.1315, 8.5397



13.9834, 23.5058, 3.8001



0.4520, 0.6864, 0.1087

Inverse Universe

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



22.9759, 18.3221, 41.8628



36.3613, 26.5738, 74.0186



29.4750, 21.6725, 42.1669



7.9406, 7.9437, 10.0675



8.3763, 3.6780, 29.3130



0.2963, 0.1349, 0.8184

Previews

White Background



This preview shows how the XYZ color 28.0897, 36.3756, 18.6374 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 28.0897, 36.3756, 18.6374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

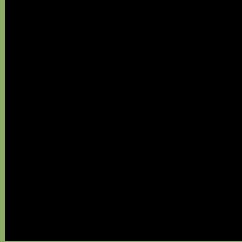
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0897, 36.3756, 18.6374

Background



This preview shows how black text looks on a background with the XYZ color 28.0897, 36.3756, 18.6374.



This preview shows how white text looks on a background with the XYZ color 28.0897, 36.3756,

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

28.0897, 36.3756, 18.6374

Protanopia

33.3520, 36.1079, 17.2683

Deuteranopia

36.6763, 35.9947, 19.2020



Tritanopia

33.7889, 36.2093, 46.8032

Trichromacy



Original Color

28.0897, 36.3756, 18.6374

Protanomaly

31.0894, 35.9986, 17.6217

Deuteranomaly

33.0297, 35.9009, 19.0986

Tritanomaly

31.1778, 35.9504, 34.1500

Monochromacy



Original Color

28.0897, 36.3756, 18.6374

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.7587, 34.0078, 28.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0897, 36.3756, 18.6374 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(139, 173, 104)` looks like.

```
.text, #text, p{  
    color:rgb(139, 173, 104)  
}
```

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(139, 173, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 173, 104) }
```

Border

The CSS property to change the border of an element to XYZ 28.0897, 36.3756, 18.6374 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(139, 173, 104) }
```


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

```
.border{ border-color:rgb(139, 173, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 173, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 173, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 173, 104);  
box-shadow:4px 4px 4px 4px rgb(139, 173,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0897, 36.3756, 18.6374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 173, 104) }
```

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

```
.background{ background-color: rgb(139,  
173, 104) }
```

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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