

Converting Colors

XYZ(28.4268, 36.5493, 18.6532)

Have a look what the booklet for
XYZ(28.4268, 36.5493, 18.6532)
contains.

XYZ(28.4268, 36.5493, 18.6532)	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(28.4268, 36.5493,
18.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAD68
RGB	141, 173, 104
RGB Percent	55%, 68%, 41%
CMY	0.4471, 0.3216, 0.5921
CMYK	0.18, 0.00, 0.40, 0.32
HSL	88°, 30%, 54%
HSV	88°, 40%, 68%
XYZ	28.4268, 36.5493, 18.6532
YIQ	155.5660, 3.0770, -28.2430

Conversions

Conversions Part 2

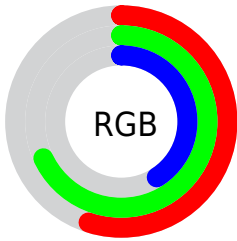
Format	Color
RYB	104, 173, 136
Decimal	9284968
CIELab	66.94, -23.11, 31.92
CIELCh	67, 39.409, 125.912
Yxy	36.5493, 0.3399, 0.4370
Android (android.graphics.Color)	4287475048 (0xFF8DAD68)
YUV	155.5660, -25.4220, -12.7744
Hunter-Lab	60.4560, -21.8662, 24.0258

Details

The XYZ color **28.4268, 36.5493, 18.6532** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.6479, 18.1530, 41.8473**, and the grayscale version is **31.5160, 33.1573, 36.1083**.

A 20% lighter version of the original color is **56.7850, 70.1747, 42.0047**, and **11.6468, 16.0744, 6.1033** is the 20% darker color. If you saturate the color by 10%, you get **26.3216, 35.5565, 14.4289**, and if you desaturate by 10%, it is **30.8130, 37.6684, 23.8333**.

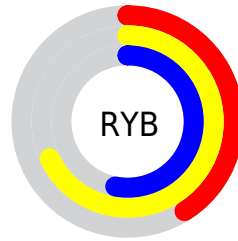
Distribution



Red (55%)

Green (68%)

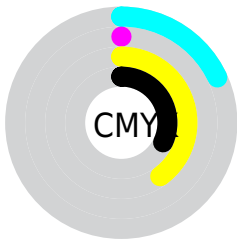
Blue (41%)



Red (41%)

Yellow (68%)

Blue (53%)

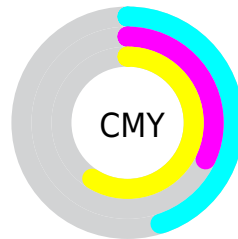


Cyan (18%)

Magenta (0%)

Yellow (40%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4268, 36.5493, 18.6532 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 28.4268, 36.5493, 18.6532 by changing the saturation by 10% instead.

■ 28.4268, 36.5493,
18.6532

■ 28.4268, 36.5493,
18.6532

286.5440,
331.3551, 256.8861

■ 18.7897, 24.8587,
11.2457

■ 56.5690, 69.8791,
41.9761

■ 11.6215, 15.9718,
6.1161

■ 75.8049, 92.2870,
58.7286

■ 6.5569, 9.5042,
2.8459

■ 98.9711, 119.0363,
79.4332

■ 3.2304, 5.0715,
1.0165

■ 126.4329,
150.5112, 104.5084

■ 1.2768, 2.2893,
0.0000

158.5557,
187.0961, 134.3727

■ 0.1657, 0.7680,
0.0000

195.7050,

■ 0.0000, 0.0000,

229.1755, 169.4448

0.0000

238.2459,
277.1337, 210.1430

■ 28.4268, 36.5493,
18.6532

■ 28.4268, 36.5493,
18.6532

■ 26.3216, 35.5565,
14.4289

■ 30.8130, 37.6684,
23.8333

■ 24.4815, 34.6797,
11.0993

■ 33.4896, 38.9141,
30.0203

■ 22.8930, 33.9144,
8.6003


■ 36.4690, 40.2927,
37.2647

■ 21.5397, 33.2539,
6.8580


■ 39.7618, 41.8089,
45.6128

■ 20.4029, 32.6905,
5.7856


■ 43.3781, 43.4667,
55.1082

 19.4451, 32.2087,
5.1978

 47.3275, 45.2703,
65.7920

 19.4347, 32.2035,
5.1916

 51.6193, 47.2236,
77.7036

 56.2622, 49.3303,
90.8802

 60.4977, 51.2871,
101.3186

Harmonies

Analogous

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



33.5691, 36.5493, 15.2202



28.4268, 36.5493, 18.6532



25.2710, 36.5493, 27.8210

Triad

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



28.4268, 36.5493, 18.6532



30.2579, 36.5493, 78.0242



47.4653, 36.5493, 36.5023

Complementary

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



28.4268, 36.5493, 18.6532



22.6479, 18.1530, 41.8473

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.



46.3181, 36.5493, 54.7919



28.4268, 36.5493, 18.6532



35.9358, 36.5493, 82.3147

Square

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



28.4268, 36.5493, 18.6532



26.2402, 36.5493, 62.3823



41.9226, 36.5493, 72.8350



44.8993, 36.5493, 23.4488

Rectangle

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



28.4268, 36.5493, 18.6532



24.4935, 36.5493, 37.4961



41.9226, 36.5493, 72.8350



47.5046, 36.5493, 42.1880

Sweetspot

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



28.4277, 36.5509, 18.6540



64.0212, 71.5633, 63.5461



28.4046, 27.2269, 16.8555



13.7660, 15.4842, 13.4487



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.



28.4277, 36.5509, 18.6540



47.5103, 63.8532, 26.5545



23.5610, 34.0420, 18.4262



8.2992, 9.1428, 8.5407



14.3435, 23.6914, 3.8169



0.4613, 0.6912, 0.1091

Inverse Universe

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



22.6479, 18.1530, 41.8473



35.6953, 26.2304, 73.9874



28.9750, 21.4147, 42.1434



7.9187, 7.9324, 10.0664



8.0512, 3.5104, 29.2977



0.2875, 0.1304, 0.8180

Previews

White Background



This preview shows how the XYZ color 28.4268, 36.5493, 18.6532 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 28.4268, 36.5493, 18.6532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

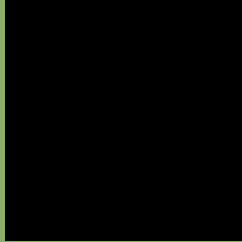
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4268, 36.5493, 18.6532

Background



This preview shows how black text looks on a background with the XYZ color 28.4268, 36.5493, 18.6532.



This preview shows how white text looks on a background with the XYZ color 28.4268, 36.5493,

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

28.4268, 36.5493, 18.6532

Protanopia

33.3520, 36.1079, 17.2683

Deuteranopia

36.9338, 36.1275, 19.2140



Tritanopia

33.9738, 36.3046, 46.8118

Trichromacy



Original Color

28.4268, 36.5493, 18.6532

Protanomaly

31.2950, 36.1045, 17.6314

Deuteranomaly

33.2534, 36.0162, 19.1091

Tritanomaly

31.3564, 36.0425, 34.1584

Monochromacy



Original Color

28.4268, 36.5493, 18.6532

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.1982, 34.2261, 28.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4268, 36.5493, 18.6532 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(141, 173, 104)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 173, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 173, 104) }
```

Border

The CSS property to change the border of an element to XYZ 28.4268, 36.5493, 18.6532 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(141, 173, 104) }
```


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

```
.border{ border-color:rgb(141, 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(141, 173, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 173, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 173, 104);  
box-shadow:4px 4px 4px 4px rgb(141, 173,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4268, 36.5493, 18.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 173, 104) }
```

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

```
.background{ background-color: rgb(141,  
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](#).

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