

Converting Colors

XYZ(29.1233, 36.3998, 28.0661)

Have a look what the booklet for
XYZ(29.1233, 36.3998, 28.0661)
contains.

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Color

**XYZ(29.2089, 36.4605,
28.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	88AC86
RGB	136, 172, 134
RGB Percent	53%, 67%, 53%
CMY	0.4667, 0.3255, 0.4745
CMYK	0.21, 0.00, 0.22, 0.33
HSL	117°, 19%, 60%
HSV	117°, 22%, 67%
XYZ	29.2089, 36.4605, 28.0524
YIQ	156.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

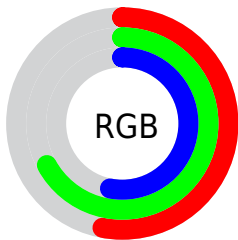
Format	Color
RYB	134, 172, 170
Decimal	8957062
CIELab	66.87, -19.79, 15.62
CIELCh	67, 25.207, 141.716
Yxy	36.4605, 0.3117, 0.3890
Android (android.graphics.Color)	4287147142 (0xFF88AC86)
YUV	156.9040, -11.2917, -18.3328
Hunter-Lab	60.3825, -19.3235, 14.7229

Details

The XYZ color **29.2089, 36.4605, 28.0524** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.5507, 28.5759, 42.8317**, and the grayscale version is **32.0576, 33.7270, 36.7288**.

A 20% lighter version of the original color is **57.9482, 70.0218, 57.4751**, and **12.0630, 16.0043, 10.8409** is the 20% darker color. If you saturate the color by 10%, you get **25.6573, 34.7582, 22.1251**, and if you desaturate by 10%, it is **33.3600, 38.4514, 35.0278**.

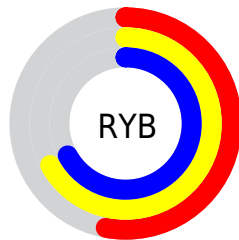
Distribution



Red (53%)

Green (67%)

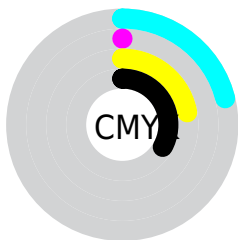
Blue (53%)



Red (53%)

Yellow (67%)

Blue (67%)

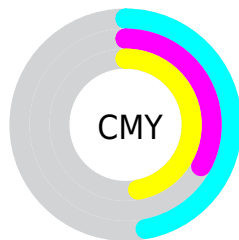


Cyan (21%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2089, 36.4605, 28.0524 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 29.2089, 36.4605, 28.0524 by changing the saturation by 10% instead.

■ 29.2089, 36.4605,
28.0524

■ 29.2089, 36.4605,
28.0524

290.1758,
330.9688, 306.6370

■ 19.3840, 24.7901,
18.1258

■ 57.8041, 69.7422,
57.5922

■ 12.0537, 15.9207,
10.8700

■ 77.3051, 92.1223,
78.0425

■ 6.8527, 9.4681,
5.8664

■ 100.7621,
118.8411, 102.8377

■ 3.4157, 5.0477,
2.6965

128.5406,
150.2829, 132.3964

■ 1.3772, 2.2753,
0.9417

161.0058,
186.8322, 167.1371

■ 0.2399, 0.7606,
0.0000

198.5232,

■ 0.0000, 0.0000,

228.8734, 207.4785

0.0000

241.4581,
276.7908, 253.8389

■ 29.2089, 36.4605,
28.0524

■ 29.2089, 36.4605,
28.0524

■ 25.6573, 34.7582,
22.1251

■ 33.3600, 38.4514,
35.0278

■ 22.6748, 33.3267,
17.1932

■ 38.1334, 40.7386,
43.0961

■ 20.2326, 32.1535,
13.2027

■ 43.5544, 43.3351,
52.3022

■ 18.2984, 31.2232,
10.0937

■ 49.6459, 46.2518,
62.6878

■ 16.8363, 30.5187,
7.7996

■ 56.4298, 49.4992,
74.2927

■ 15.8056, 30.0208,
6.2440

■ 63.9267, 53.0871,
87.1546

■ 15.1592, 29.7069,
5.3364

■ 72.1569, 57.0251,
101.3096

■ 14.8665, 29.5649,
4.9230

■ 74.0432, 57.9865,
101.8977

Harmonies

Analogous

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



32.0103, 36.4605, 23.2036



29.2089, 36.4605, 28.0524



27.8898, 36.4605, 36.7481

Triad

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



29.2089, 36.4605, 28.0524



33.6082, 36.4605, 64.3326



41.9272, 36.4605, 32.4215

Complementary

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



29.2089, 36.4605, 28.0524



32.5507, 28.5759, 42.8317

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.



42.4334, 36.4605, 42.8044



29.2089, 36.4605, 28.0524



37.4406, 36.4605, 62.5938

Square

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



29.2089, 36.4605, 28.0524



30.3050, 36.4605, 58.5815



40.7383, 36.4605, 54.1920



39.4017, 36.4605, 25.3850

Rectangle

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



29.2089, 36.4605, 28.0524



27.9558, 36.4605, 44.1204



40.7383, 36.4605, 54.1920



42.3462, 36.4605, 35.5839

Sweetspot

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



29.2099, 36.4621, 28.0532



64.6752, 71.7458, 70.5614



35.5929, 39.0436, 28.2151



13.9494, 15.5412, 15.1555



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.



29.2099, 36.4621, 28.0532



49.3833, 64.4155, 44.8637



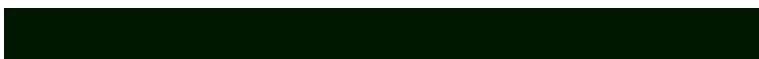
30.1279, 36.7921, 34.5663



7.9420, 8.9587, 8.5240



11.0774, 22.0077, 3.6641



0.3205, 0.6186, 0.1025

Inverse Universe

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



32.5507, 28.5759, 42.8317



56.6344, 47.2928, 76.9492



31.5009, 28.2063, 35.0310



8.2948, 8.1263, 10.0840



16.7889, 8.0149, 29.7067



0.4794, 0.2293, 0.8270

Previews

White Background



This preview shows how the XYZ color 29.2089, 36.4605, 28.0524 looks on a white background.

Color Contrast Check

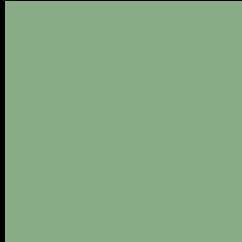
Large Text (above 18pt) WCAG AA × Fail

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 29.2089, 36.4605, 28.0524 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 29.2089, 36.4605, 28.0524

Background



This preview shows how black text looks on a background with the XYZ color 29.2089, 36.4605, 28.0524.



This preview shows how white text looks on a background with the XYZ color 29.2089, 36.4605,

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

29.2089, 36.4605, 28.0524

Protanopia

33.8960, 36.1963, 25.9689

Deuteranopia

36.8973, 36.1479, 28.6994



Tritanopia

33.2745, 36.4564, 47.9309

Trichromacy



Original Color

29.2089, 36.4605, 28.0524

Protanomaly

32.0310, 36.2821, 26.7877

Deuteranomaly

33.5127, 35.9431, 28.4639

Tritanomaly

31.5980, 36.3123, 39.9939

Monochromacy



Original Color

29.2089, 36.4605, 28.0524

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.7396, 34.4001, 33.4535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2089, 36.4605, 28.0524 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(136, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(136, 172, 134)  
}
```

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(136, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 172, 134) }
```

Border

The CSS property to change the border of an element to XYZ 29.2089, 36.4605, 28.0524 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(136, 172, 134) }
```


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

```
.border{ border-color:rgb(136, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(136, 172,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2089, 36.4605, 28.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 172, 134) }
```

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

```
.background{ background-color: rgb(136,  
172, 134) }
```

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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