

Converting Colors

XYZ(28.7280, 36.4020, 29.5819)

Have a look what the booklet for
XYZ(28.7280, 36.4020, 29.5819)
contains.

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Color

**XYZ(28.7369, 36.4679,
29.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	82AD8A
RGB	130, 173, 138
RGB Percent	51%, 68%, 54%
CMY	0.4902, 0.3216, 0.4588
CMYK	0.25, 0.00, 0.20, 0.32
HSL	131°, 21%, 59%
HSV	131°, 25%, 68%
XYZ	28.7369, 36.4679, 29.5692
YIQ	156.1530, -14.3930, -20.0010

Conversions

Conversions Part 2

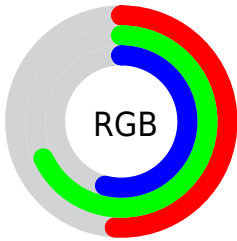
Format	Color
RYB	130, 166, 173
Decimal	8564106
CIELab	66.88, -21.64, 13.37
CIELCh	67, 25.437, 148.281
Yxy	36.4679, 0.3032, 0.3848
Android (android.graphics.Color)	4286754186 (0xFF82AD8A)
YUV	156.1530, -8.9494, -22.9362
Hunter-Lab	60.3887, -20.7381, 13.2408

Details

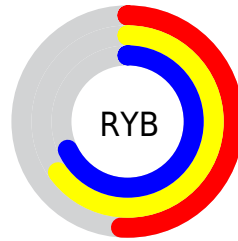
The XYZ color **28.7369, 36.4679, 29.5692** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.0089, 27.5669, 39.2326**, and the grayscale version is **31.7123, 33.3638, 36.3332**.

A 20% lighter version of the original color is **57.1904, 69.9906, 59.7855**, and **11.7024, 15.7998, 11.6654** is the 20% darker color. If you saturate the color by 10%, you get **25.3489, 34.8326, 24.4296**, and if you desaturate by 10%, it is **32.7053, 38.3892, 35.4276**.

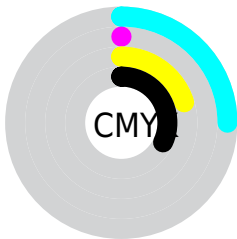
Distribution



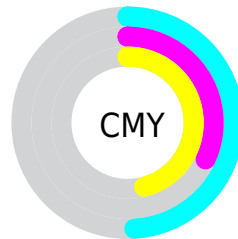
- Red (51%)
- Green (68%)
- Blue (54%)



- Red (51%)
- Yellow (65%)
- Blue (68%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)





- Cyan (49%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7369, 36.4679, 29.5692 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 28.7369, 36.4679, 29.5692 by changing the saturation by 10% instead.


 28.7369, 36.4679,
29.5692


 28.7369, 36.4679,
29.5692


287.9882,
331.0010, 314.0358


 19.0252, 24.7958,
19.2626


 57.0593, 69.7536,
60.0332

 11.7926, 15.9250,
11.6814


 76.4006, 92.1361,
81.0275

 6.6738, 9.4711,
6.4072


 99.6825, 118.8574,
106.4216

 3.3034, 5.0497,
3.0215

127.2704,
150.3020, 136.6339

 1.3162, 2.2765,
1.1056

159.5295,
186.8542, 172.0829

 0.1953, 0.7612,
0.0000

196.8253,

 0.0000, 0.0000,

228.8986, 213.1872

0.0000

239.5231,
276.8194, 260.3653

■ 28.7369, 36.4679,
29.5692

■ 28.7369, 36.4679,
29.5692

■ 25.3489, 34.8326,
24.4296

■ 32.7053, 38.3892,
35.4276

■ 22.5109, 33.4652,
19.9787

■ 37.2766, 40.6044,
42.0285

■ 20.1945, 32.3525,
16.1880

■ 42.4759, 43.1270,
49.3974

■ 18.3671, 31.4785,
13.0259

■ 48.3257, 45.9681,
57.5580

■ 16.9926, 30.8254,
10.4583

■ 54.8476, 49.1384,
66.5330

■ 16.0298, 30.3725,
8.4478

■ 62.0621, 52.6479,
76.3440

■ 15.4290, 30.0953,
6.9528

■ 69.9889, 56.5064,
87.0120

■ 15.2075, 29.9938,
6.3678

■ 73.5424, 58.0918,
98.3183

■ 74.2343, 58.3685,
101.9614

Harmonies

Analogous

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



31.2704, 36.4679, 23.8073



28.7369, 36.4679, 29.5692



27.7748, 36.4679, 39.0747

Triad

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



28.7369, 36.4679, 29.5692



34.4400, 36.4679, 64.8991



41.5997, 36.4679, 30.4836

Complementary

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



28.7369, 36.4679, 29.5692



32.0089, 27.5669, 39.2326

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.



42.6021, 36.4679, 40.3468



28.7369, 36.4679, 29.5692



38.2896, 36.4679, 61.4626

Square

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



28.7369, 36.4679, 29.5692



30.9126, 36.4679, 60.6154



41.3494, 36.4679, 51.9325



38.7021, 36.4679, 24.2624

Rectangle

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



28.7369, 36.4679, 29.5692



28.0955, 36.4679, 46.7376



41.3494, 36.4679, 51.9325



42.1785, 36.4679, 33.4200

Sweetspot

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



28.7379, 36.4694, 29.5700



64.8058, 71.7710, 72.4702



34.5156, 39.5124, 26.9269



13.9799, 15.5471, 15.6001



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.



28.7379, 36.4694, 29.5700



47.9019, 63.5901, 47.5840



30.4419, 37.1510, 38.5432



7.9631, 8.9628, 8.8307



11.1878, 22.0404, 4.7626



0.3288, 0.6202, 0.2250

Inverse Universe

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



32.0089, 27.5669, 39.2326



54.8030, 44.7995, 67.9635



30.2220, 26.8521, 29.8230



8.2722, 8.1221, 9.7442



16.2020, 7.9433, 19.2410



0.4670, 0.2275, 0.6212

Previews

White Background



This preview shows how the XYZ color 28.7369, 36.4679, 29.5692 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 28.7369, 36.4679, 29.5692 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 28.7369, 36.4679, 29.5692

Background



This preview shows how black text looks on a background with the XYZ color 28.7369, 36.4679, 29.5692.



This preview shows how white text looks on a background with the XYZ color 28.7369, 36.4679,

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

28.7369, 36.4679, 29.5692

Protanopia

34.1672, 36.3048, 27.3970

Deuteranopia

36.7785, 36.0442, 30.6100



Tritanopia

32.6404, 36.3769, 49.0172

Trichromacy



Original Color

28.7369, 36.4679, 29.5692

Protanomaly

31.9140, 36.1898, 28.2250

Deuteranomaly

33.2451, 35.7631, 30.3501

Tritanomaly

30.9712, 36.2434, 40.9606

Monochromacy



Original Color

28.7369, 36.4679, 29.5692

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.3778, 34.2136, 33.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7369, 36.4679, 29.5692 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(130, 173, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 173, 138)  
}
```

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(130, 173, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 173, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.7369, 36.4679, 29.5692 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(130, 173, 138) }
```


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

```
.border{ border-color:rgb(130, 173, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 173, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 173, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 173, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 173,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7369, 36.4679, 29.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 173, 138) }
```

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

```
.background{ background-color: rgb(130,  
173, 138) }
```

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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