

Converting Colors

XYZ(28.0944, 36.0130, 25.2730)

Have a look what the booklet for
XYZ(28.0944, 36.0130, 25.2730)
contains.

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Color

**XYZ(28.0341, 35.9169,
25.1938)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 84AC7E |
| RGB | 132, 172, 126 |
| RGB Percent | 52%, 67%, 49% |
| CMY | 0.4824, 0.3255, 0.5059 |
| CMYK | 0.23, 0.00, 0.27, 0.33 |
| HSL | 112°, 22%, 58% |
| HSV | 112°, 27%, 67% |
| XYZ | 28.0341, 35.9169, 25.1938 |
| YIQ | 154.7960, -9.0740, -22.7860 |

Conversions

Conversions Part 2

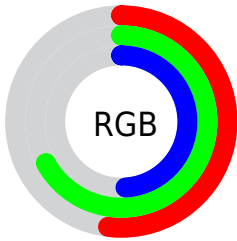
| Format | Color |
|-------------------------------------|--|
| RYB | 126, 172, 166 |
| Decimal | 8694910 |
| CIELab | 66.46, -22.59, 19.38 |
| CIELCh | 66, 29.764, 139.367 |
| Yxy | 35.9169, 0.3145, 0.4029 |
| Android (android.graphics.Color) | 4286884990 (0xFF84AC7E) |
| YUV | 154.7960, -14.1964, -19.9921 |
| Hunter-Lab | 59.9307, -21.3809, 17.0270 |

Details

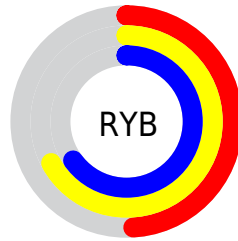
The XYZ color **28.0341, 35.9169, 25.1938** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.6347, 26.0084, 42.4371**, and the grayscale version is **31.1299, 32.7511, 35.6659**.

A 20% lighter version of the original color is **56.1298, 69.1806, 53.0427**, and **11.4494, 15.7181, 9.4516** is the 20% darker color. If you saturate the color by 10%, you get **24.8448, 34.3912, 19.7407**, and if you desaturate by 10%, it is **31.7516, 37.6949, 31.6693**.

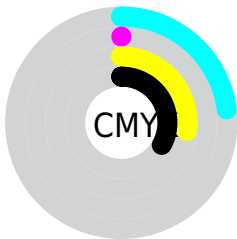
Distribution



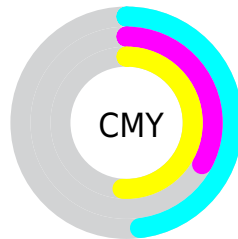
- Red (52%)
- Green (67%)
- Blue (49%)



- Red (49%)
- Yellow (67%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (27%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0341, 35.9169, 25.1938 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 28.0341, 35.9169, 25.1938 by changing the saturation by 10% instead.

■ 28.0341, 35.9169,
25.1938

■ 28.0341, 35.9169,
25.1938

284.7069,
328.5972, 292.2802

■ 18.4920, 24.3700,
16.0012

■ 55.9471, 68.9038,
52.9395

■ 11.4056, 15.6083,
9.3706

■ 75.0487, 91.1126,
72.3296

■ 6.4096, 9.2474,
4.8836

■ 98.0675, 117.6441,
95.9559

■ 3.1387, 4.9029,
2.1216

125.3689,
148.8829, 124.2371

■ 1.2275, 2.1904,
0.6286

157.3182,
185.2131, 157.5915

■ 0.1280, 0.7148,
0.0000

194.2807,

■ 0.0000, 0.0000,

227.0193, 196.4378

0.0000

236.6218,
274.6859, 241.1946

■ 28.0341, 35.9169,
25.1938

■ 28.0341, 35.9169,
25.1938

■ 24.8448, 34.3912,
19.7407

■ 31.7516, 37.6949,
31.6693

■ 22.1568, 33.1020,
15.2555

■ 36.0168, 39.7311,
39.2132

■ 19.9453, 32.0387,
11.6824


■ 40.8517, 42.0370,
47.8715


■ 18.1820, 31.1882,
8.9588


■ 46.2765, 44.6220,
57.6870


■ 16.8358, 30.5358,
7.0141


■ 52.3101, 47.4949,
68.7001


 15.8712, 30.0652,
5.7668


 58.9707, 50.6643,
80.9492

 15.2438, 29.7558,
5.1008

 66.2756, 54.1384,
94.4711

 15.0937, 29.6820,
4.9337

 72.8249, 57.3584,
101.8407

 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.



31.3720, 35.9169, 20.2104



28.0341, 35.9169, 25.1938



26.3834, 35.9169, 34.7482

Triad

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



28.0341, 35.9169, 25.1938



32.5798, 35.9169, 68.5562



42.8852, 35.9169, 31.5143

Complementary

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



28.0341, 35.9169, 25.1938



30.6347, 26.0084, 42.4371

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.



43.2800, 35.9169, 43.8167



28.0341, 35.9169, 25.1938



37.0618, 35.9169, 67.1581

Square

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



28.0341, 35.9169, 25.1938



28.8519, 35.9169, 60.8664



41.0691, 35.9169, 57.3824



40.0331, 35.9169, 23.2717

Rectangle

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



28.0341, 35.9169, 25.1938



26.3557, 35.9169, 43.2431



41.0691, 35.9169, 57.3824



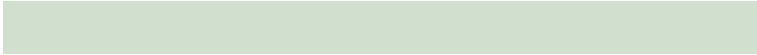
43.3185, 35.9169, 35.2442

Sweetspot

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



28.0350, 35.9184, 25.1946



64.1932, 71.5292, 69.1014



34.3927, 37.5027, 25.1653



13.6941, 15.4225, 14.5619



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.



28.0350, 35.9184, 25.1946



47.3708, 63.4898, 39.7187



28.3057, 35.9214, 31.3763



7.9980, 8.9876, 8.5266



11.2591, 22.1014, 3.6726



0.3429, 0.6301, 0.1036

Inverse Universe

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



30.6347, 26.0084, 42.4371



52.8683, 42.5052, 76.2236



30.4030, 26.0644, 34.4989



8.2328, 8.0943, 10.0811



14.8752, 7.0283, 29.6171



0.4418, 0.2099, 0.8252

Previews

White Background



This preview shows how the XYZ color 28.0341, 35.9169, 25.1938 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 28.0341, 35.9169, 25.1938 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 28.0341, 35.9169, 25.1938

Background



This preview shows how black text looks on a background with the XYZ color 28.0341, 35.9169, 25.1938.



This preview shows how white text looks on a background with the XYZ color 28.0341, 35.9169,

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

28.0341, 35.9169, 25.1938

Protanopia

33.4296, 35.7545, 23.2285

Deuteranopia

36.2441, 35.6192, 26.0840



Tritanopia

32.4755, 35.7873, 47.3155

Trichromacy



Original Color

28.0341, 35.9169, 25.1938

Protanomaly

31.1308, 35.6094, 23.9714

Deuteranomaly

32.6437, 35.2902, 25.8601

Tritanomaly

30.7419, 35.9117, 38.1123

Monochromacy



Original Color

28.0341, 35.9169, 25.1938

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.8115, 33.7064, 31.3203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0341, 35.9169, 25.1938 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(132, 172, 126)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 126)  
}
```

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(132, 172, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.0341, 35.9169, 25.1938 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(132, 172, 126) }
```


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

```
.border{ border-color:rgb(132, 172, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 126);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0341, 35.9169, 25.1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 126) }
```

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

```
.background{ background-color: rgb(132,  
172, 126) }
```

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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