

Converting Colors

XYZ(37.4668, 27.8579, 16.7861)

Have a look what the booklet for
XYZ(37.4668, 27.8579, 16.7861)
contains.

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Color

**XYZ(37.3684, 27.7356,
16.7486)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7169
RGB	218, 113, 105
RGB Percent	85%, 44%, 41%
CMY	0.1451, 0.5568, 0.5882
CMYK	0.00, 0.48, 0.52, 0.15
HSL	4°, 60%, 63%
HSV	4°, 52%, 85%
XYZ	37.3684, 27.7356, 16.7486
YIQ	143.4830, 65.1480, 19.7720

Conversions

Conversions Part 2

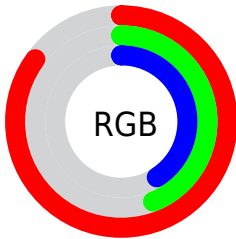
Format	Color
RYB	218, 114, 105
Decimal	14315881
CIELab	59.65, 40.22, 23.27
CIElCh	60, 46.463, 30.053
Yxy	27.7356, 0.4565, 0.3388
Android (android.graphics.Color)	4292505961 (0xFFDA7169)
YUV	143.4830, -18.9721, 65.3514
Hunter-Lab	52.6646, 34.4924, 18.0096

Details

The XYZ color **37.3684, 27.7356, 16.7486** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.5259, 54.1556, 74.5939**, and the grayscale version is **26.3577, 27.7304, 30.1984**.

A 20% lighter version of the original color is **61.0595, 51.2977, 38.1358**, and **16.7305, 11.0139, 5.2471** is the 20% darker color. If you saturate the color by 10%, you get **34.3750, 23.3181, 10.9135**, and if you desaturate by 10%, it is **41.1546, 33.2794, 24.2652**.

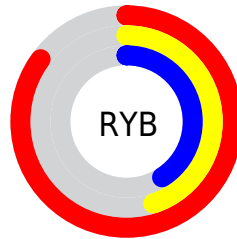
Distribution



Red (85%)

Green (44%)

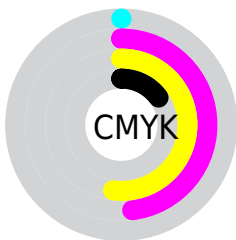
Blue (41%)



Red (85%)

Yellow (45%)

Blue (41%)

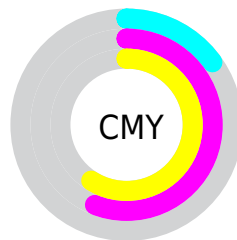


Cyan (0%)

Magenta (48%)

Yellow (52%)

Black (15%)



Cyan (15%)


Magenta (56%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3684, 27.7356, 16.7486 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 37.3684, 27.7356, 16.7486 by changing the saturation by 10% instead.


 37.3684, 27.7356,
16.7486


 37.3684, 27.7356,
16.7486


326.2307,
291.2013, 245.7141


 25.6678, 18.1264,
9.8954


 70.4492, 56.0620,
38.6777

 16.7067, 11.0408,
5.2249


 92.5601, 75.5481,
54.5907

 10.1196, 6.0943,
2.3188


 118.8719, 99.0953,
74.3607

 5.5412, 2.9025,
0.7417

 149.7498,
127.0879, 98.4061

 2.6061, 1.0810,
0.0000

185.5593,
159.9105, 127.1457

 0.9491, 0.0000,
0.0000

226.6657,

 0.0000, 0.0000,

197.9473, 160.9978

0.0000

273.4344,
241.5828, 200.3812

■ 37.3684, 27.7356,
16.7486

■ 37.3684, 27.7356,
16.7486

■ 34.3750, 23.3181,
10.9135

■ 41.1546, 33.2794,
24.2652

■ 32.1161, 19.9457,
6.6289

■ 45.7825, 40.0149,
33.5777

■ 30.5284, 17.5333,
3.7473

■ 51.2993, 48.0074,
44.7920

■ 29.5370, 15.9806,
2.0916

■ 57.7483, 57.3164,
58.0055

■ 29.0905, 15.2597,
1.4122

■ 65.1697, 67.9976,
73.3090

■ 73.6015, 80.1034,
90.7876

■ 82.6581, 93.5149,
108.3014

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



39.3129, 27.7356, 30.1695



37.3684, 27.7356, 16.7486



32.3970, 27.7356, 9.9783

Triad

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



37.3684, 27.7356, 16.7486



17.7533, 27.7356, 16.7835



26.3723, 27.7356, 75.3351

Complementary

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



37.3684, 27.7356, 16.7486



41.5259, 54.1556, 74.5939

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.



21.1270, 27.7356, 67.6841



37.3684, 27.7356, 16.7486



16.6223, 27.7356, 30.2292

Square

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



37.3684, 27.7356, 16.7486



21.1114, 27.7356, 9.9926



17.7614, 27.7356, 49.4170



32.4177, 27.7356, 67.6330

Rectangle

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



37.3684, 27.7356, 16.7486



28.3567, 27.7356, 8.2601



17.7614, 27.7356, 49.4170



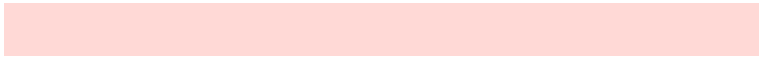
24.4628, 27.7356, 74.4463

Sweetspot

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



37.3691, 27.7370, 16.7491



78.2394, 75.7977, 74.2591



45.6561, 29.6852, 64.6014



16.3398, 15.6367, 15.0614



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.3691, 27.7370, 16.7491



48.7662, 32.8676, 15.0586



45.6575, 44.3138, 19.5119



13.1298, 13.1989, 13.5812



17.4571, 9.1998, 0.8556



1.1575, 0.6491, 0.0643

Inverse Universe

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



41.5259, 54.1556, 74.5939



55.2594, 74.3365, 106.0436



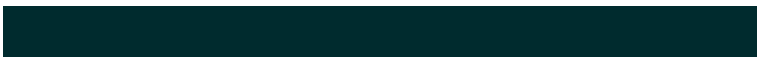
30.0309, 31.1656, 70.7623



13.3618, 14.6634, 16.7782



20.3466, 28.5627, 44.1792



1.3423, 1.8987, 2.8702

Previews

White Background



This preview shows how the XYZ color 37.3684, 27.7356, 16.7486 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3684, 27.7356, 16.7486 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 × Fail

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

XYZ 37.3684, 27.7356, 16.7486

Background



This preview shows how black text looks on a background with the XYZ color 37.3684, 27.7356, 16.7486.



This preview shows how white text looks on a background with the XYZ color 37.3684, 27.7356,

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

37.3684, 27.7356, 16.7486

Protanopia

26.2519, 27.9538, 21.4648

Deuteranopia

28.4507, 27.8872, 16.1952



Tritanopia

38.2276, 27.7609, 20.7963

Trichromacy



Original Color

37.3684, 27.7356, 16.7486

Protanomaly

29.3293, 27.2201, 19.6278

Deuteranomaly

31.2348, 27.4786, 16.2280

Tritanomaly

38.0449, 27.8633, 19.2926

Monochromacy



Original Color

37.3684, 27.7356, 16.7486

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.7913, 26.6336, 24.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3684, 27.7356, 16.7486 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(218, 113, 105)` looks like.

```
.text, #text, p{  
    color:rgb(218, 113, 105)  
}
```

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(218, 113, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 113, 105) }
```

Border

The CSS property to change the border of an element to XYZ 37.3684, 27.7356, 16.7486 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(218, 113, 105) }
```


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

```
.border{ border-color:rgb(218, 113, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 113, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 113, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 113, 105);  
box-shadow:4px 4px 4px 4px rgb(218, 113,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3684, 27.7356, 16.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 113, 105) }
```

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

```
.background{ background-color: rgb(218,  
113, 105) }
```

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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