

Converting Colors

XYZ(69.5675, 71.7576, 52.8318)

Have a look what the booklet for
XYZ(69.5675, 71.7576, 52.8318)
contains.

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Color

**XYZ(69.5675, 71.7576,
52.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9B3
RGB	242, 217, 179
RGB Percent	95%, 85%, 70%
CMY	0.0510, 0.1490, 0.2980
CMYK	0.00, 0.10, 0.26, 0.05
HSL	36°, 71%, 83%
HSV	36°, 26%, 95%
XYZ	69.5675, 71.7576, 52.8318
YIQ	220.1430, 27.0980, -6.5180

Conversions

Conversions Part 2

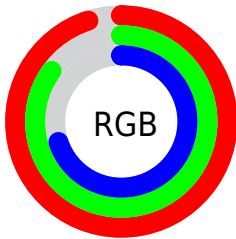
Format	Color
R _Y B	220, 242, 179
Decimal	15915443
CIE Lab	87.85, 2.96, 21.89
CIE LCh	88, 22.095, 82.289
Yxy	71.7576, 0.3583, 0.3696
Android (android.graphics.Color)	4294105523 (0xFFFF2D9B3)
YUV	220.1430, -20.2835, 19.1686
Hunter-Lab	84.7099, -1.6501, 22.3189

Details

The XYZ color **69.5675, 71.7576, 52.8318** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.2099, 59.1787, 92.4648**, and the grayscale version is **68.2528, 71.8073, 78.1981**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **36.6938, 37.6613, 25.0741** is the 20% darker color. If you saturate the color by 10%, you get **64.9289, 66.0592, 40.2517**, and if you desaturate by 10%, it is **74.7835, 77.9223, 67.7251**.

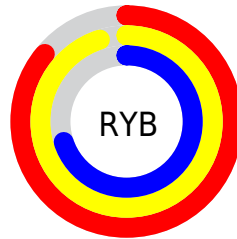
Distribution



Red (95%)

Green (85%)

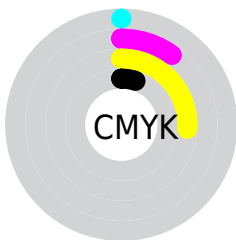
Blue (70%)



Red (86%)

Yellow (95%)

Blue (70%)

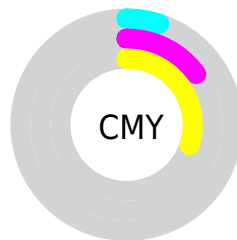


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5675, 71.7576, 52.8318 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 69.5675, 71.7576, 52.8318 by changing the saturation by 10% instead.


 69.5675, 71.7576,
52.8318

 69.5675, 71.7576,
52.8318


448.3201,
466.6975, 414.6874

 51.4523, 52.9607,
37.2817


 117.6214,
121.7118, 95.7959

 36.7912, 37.7714,
25.1282


148.2909,
153.6380, 124.0469

 25.2188, 25.8053,
15.9527


183.8758,
190.7093, 157.3687

 16.3698, 16.6780,
9.3367

224.7416,
233.3102, 196.1797

 9.8787, 10.0052,
4.8616

271.2535,
281.8250, 240.8986

 5.3802, 5.4024,
2.1090

323.7770,

 2.5091, 2.4853,

336.6383, 291.9438

0.6211

382.6774,
398.1343, 349.7339

■ 0.8998, 0.8692,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5675, 71.7576,
52.8318

■ 69.5675, 71.7576,
52.8318

■ 64.9289, 66.0592,
40.2517

■ 74.7835, 77.9223,
67.7251

■ 60.8371, 60.8036,
29.8613

■ 80.5943, 84.5567,
85.0375

■ 57.2670, 55.9792,
21.5322

■ 87.0237, 91.6763,
104.8737

■ 54.1890, 51.5700,
15.1209

■ 90.4281, 97.6173,
108.6837

■ 51.5698, 47.5586,
10.4649

■ 49.3707, 43.9251,
7.3747

■ 47.5447, 40.6463,
5.6154

■ 46.8951, 39.4313,
5.1394

Harmonies

Analogous

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



74.5693, 71.7576, 57.4112



69.5675, 71.7576, 52.8318



64.4443, 71.7576, 54.3088

Triad

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



69.5675, 71.7576, 52.8318



59.2791, 71.7576, 89.6234



76.5091, 71.7576, 97.1926

Complementary

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



69.5675, 71.7576, 52.8318



56.2099, 59.1787, 92.4648

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.



72.1061, 71.7576, 108.0661



69.5675, 71.7576, 52.8318



62.2106, 71.7576, 103.3198

Square

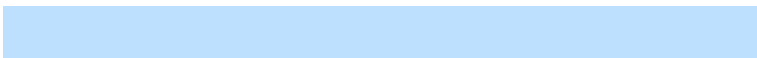
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5675, 71.7576, 52.8318



58.6770, 71.7576, 74.3149



66.8573, 71.7576, 110.4414



78.7089, 71.7576, 82.0772

Rectangle

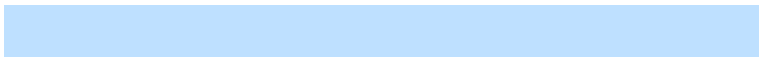
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5675, 71.7576, 52.8318



61.6311, 71.7576, 58.6291



66.8573, 71.7576, 110.4414



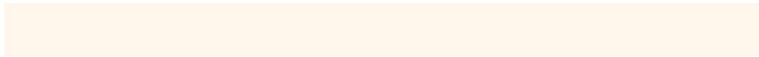
75.2271, 71.7576, 101.5408

Sweetspot

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



69.5694, 71.7609, 52.8333



89.4098, 93.6993, 91.6680



63.6618, 55.4875, 64.6082



18.9211, 19.8103, 18.9709



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.



69.5694, 71.7609, 52.8333



75.6298, 77.5091, 52.0230



74.3819, 84.5410, 55.0465



16.5661, 17.3453, 16.6246



25.3295, 21.4570, 2.8066



2.2040, 1.9787, 0.2658

Inverse Universe

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



56.2099, 59.1787, 92.4648



58.3319, 61.2217, 103.3503



52.2280, 49.0036, 90.7107



15.4118, 16.2578, 20.0474



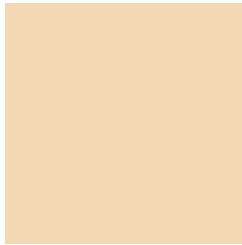
10.9821, 8.1884, 46.1296



1.0081, 0.8702, 3.8691

Previews

White Background



This preview shows how the XYZ color 69.5675, 71.7576, 52.8318 looks on a white background.

Color Contrast Check

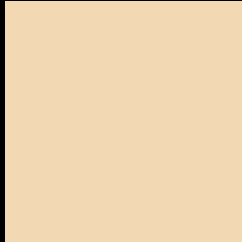
Large Text (above 18pt) WCAG AA × Fail

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 69.5675, 71.7576, 52.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

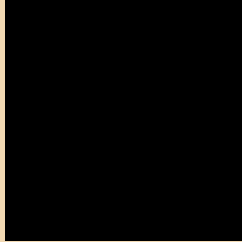
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5675, 71.7576, 52.8318

Background



This preview shows how black text looks on a background with the XYZ color 69.5675, 71.7576, 52.8318.



This preview shows how white text looks on a background with the XYZ color 69.5675, 71.7576,

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

69.5675, 71.7576, 52.8318

Protanopia

67.4357, 71.8053, 53.4856

Deuteranopia

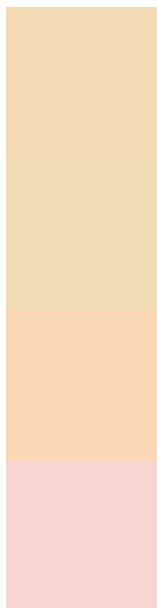
73.1240, 71.6832, 53.6982



Tritanopia

75.6231, 71.5957, 82.5066

Trichromacy



Original Color

69.5675, 71.7576, 52.8318

Protanomaly

68.1618, 71.7912, 53.4446

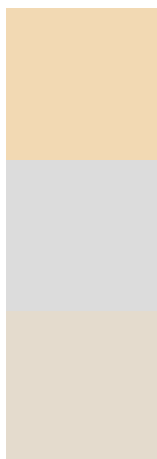
Deuteranomaly

71.7091, 71.7124, 53.2424

Tritanomaly

73.4331, 71.8345, 70.9679

Monochromacy



Original Color

69.5675, 71.7576, 52.8318

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3459, 71.5648, 67.9688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5675, 71.7576, 52.8318 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(242, 217, 179)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 179)  
}
```

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(242, 217, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 179) }
```

Border

The CSS property to change the border of an element to XYZ 69.5675, 71.7576, 52.8318 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(242, 217, 179) }
```


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

```
.border{ border-color:rgb(242, 217, 179) }
```

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

Here you see how a box with a 4 pixel rgb(242, 217, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 179);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5675, 71.7576, 52.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 179) }
```

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

```
.background{ background-color: rgb(242,  
217, 179) }
```

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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