

Converting Colors

XYZ(72.4874, 75.5652, 55.0210)

Have a look what the booklet for
XYZ(72.4874, 75.5652, 55.0210)
contains.

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Color

**XYZ(72.4874, 75.5652,
55.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFB6
RGB	245, 223, 182
RGB Percent	96%, 87%, 71%
CMY	0.0392, 0.1255, 0.2863
CMYK	0.00, 0.09, 0.26, 0.04
HSL	39°, 76%, 84%
HSV	39°, 26%, 96%
XYZ	72.4874, 75.5652, 55.0210
YIQ	224.9040, 26.2730, -8.0870

Conversions

Conversions Part 2

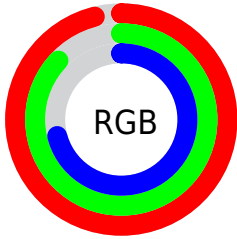
Format	Color
R _Y B	216, 245, 182
Decimal	16113590
CIE Lab	89.66, 1.40, 22.87
CIE LCh	90, 22.909, 86.494
Yxy	75.5652, 0.3570, 0.3721
Android (android.graphics.Color)	4294303670 (0xFFF5DFB6)
YUV	224.9040, -21.1517, 17.6242
Hunter-Lab	86.9282, -3.2775, 23.3223

Details

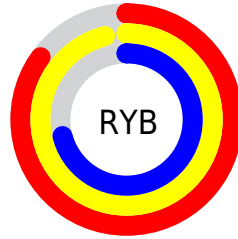
The XYZ color **72.4874, 75.5652, 55.0210** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.3654, 59.7220, 94.8907**, and the grayscale version is **71.6347, 75.3653, 82.0728**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **38.7041, 40.2816, 26.5041** is the 20% darker color. If you saturate the color by 10%, you get **67.9464, 70.1865, 42.0896**, and if you desaturate by 10%, it is **77.5909, 81.3589, 70.3271**.

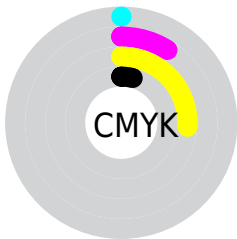
Distribution



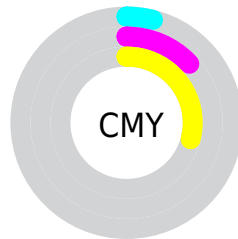
- Red (96%)
- Green (87%)
- Blue (71%)



- Red (85%)
- Yellow (96%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (4%)




- Cyan (4%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4874, 75.5652, 55.0210 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 72.4874, 75.5652, 55.0210 by changing the saturation by 10% instead.

 72.4874, 75.5652,
55.0210

 72.4874, 75.5652,
55.0210


458.3676,
479.8580, 423.2757

 53.8438, 56.0760,
39.0198


 121.7563,
127.1121, 99.0432

 38.7070, 40.2639,
26.4672


153.1123,
159.9386, 127.9013

 26.7115, 27.7444,
16.9446


189.4365,
197.9798, 161.8821

 17.4922, 18.1330,
10.0334

231.0942,
241.6199, 201.4041

 10.6835, 11.0455,
5.3152

278.4508,
291.2434, 246.8860

 5.9201, 6.0975,
2.3714

331.8717,

 2.8368, 2.9044,

347.2346, 298.7462

0.7708

391.7222,
409.9780, 357.4032

■ 1.0680, 1.0821,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.4874, 75.5652,
55.0210

■ 72.4874, 75.5652,
55.0210

■ 67.9464, 70.1865,
42.0896

■ 77.5909, 81.3589,
70.3271

■ 63.9371, 65.2000,
31.4059

■ 83.2739, 87.5691,
88.1163

■ 60.4347, 60.5954,
22.8386

■ 89.4792, 94.1782,
108.0699

■ 57.4095, 56.3582,
16.2403

■ 91.4664, 98.1526,
108.7323

■ 54.8282, 52.4722,
11.4446

■ 52.6523, 48.9189,
8.2574

■ 50.8343, 45.6764,
6.4388

■ 50.1345, 44.3688,
5.9217

Harmonies

Analogous

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



77.9734, 75.5652, 59.0141



72.4874, 75.5652, 55.0210



67.0951, 75.5652, 57.5059

Triad

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



72.4874, 75.5652, 55.0210



62.5522, 75.5652, 96.9164



81.2444, 75.5652, 100.6304

Complementary

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



72.4874, 75.5652, 55.0210



57.3654, 59.7220, 94.8907

Split Complementary

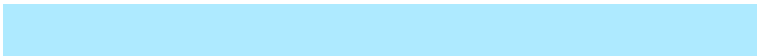
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7669, 75.5652, 113.3031



72.4874, 75.5652, 55.0210



66.0038, 75.5652, 110.9694

Square

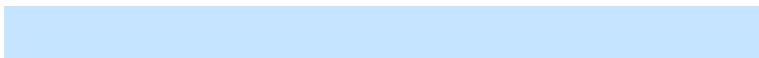
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4874, 75.5652, 55.0210



61.5382, 75.5652, 80.3937



71.1616, 75.5652, 117.3124



83.1931, 75.5652, 84.1908

Rectangle

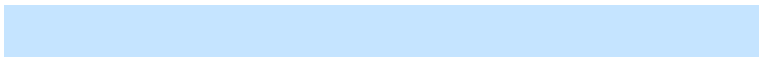
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4874, 75.5652, 55.0210



64.2445, 75.5652, 62.7046



71.1616, 75.5652, 117.3124



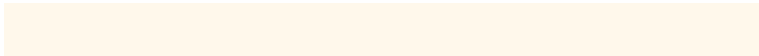
79.9740, 75.5652, 105.5510

Sweetspot

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



72.4894, 75.5686, 55.0226



89.7075, 94.2947, 91.7672



65.2900, 57.2313, 64.7647



18.9962, 19.9606, 18.9959



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.



72.4894, 75.5686, 55.0226



76.6506, 79.5507, 52.3633



75.5394, 86.4387, 56.9600



17.3994, 18.2828, 17.4095



27.1430, 24.1715, 3.2350



2.4816, 2.3165, 0.3163

Inverse Universe

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



57.3654, 59.7220, 94.8907



57.4289, 59.4157, 103.0493



54.8095, 51.1843, 93.3775



16.0543, 16.8730, 20.9532



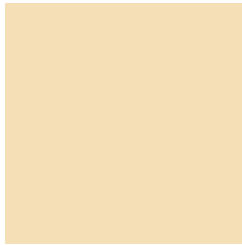
10.7686, 7.3310, 47.3855



1.0390, 0.8294, 4.1956

Previews

White Background



This preview shows how the XYZ color 72.4874, 75.5652, 55.0210 looks on a white background.

Color Contrast Check

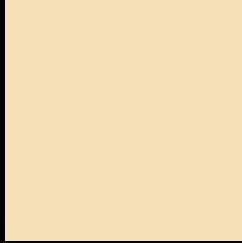
Large Text (above 18pt) WCAG AA × Fail

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 72.4874, 75.5652, 55.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

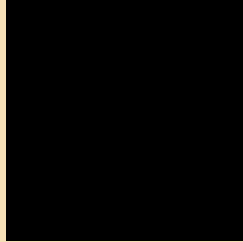
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4874, 75.5652, 55.0210

Background



This preview shows how black text looks on a background with the XYZ color 72.4874, 75.5652, 55.0210.



This preview shows how white text looks on a background with the XYZ color 72.4874, 75.5652,

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

72.4874, 75.5652, 55.0210

Protanopia

71.0691, 75.6200, 55.6501

Deuteranopia

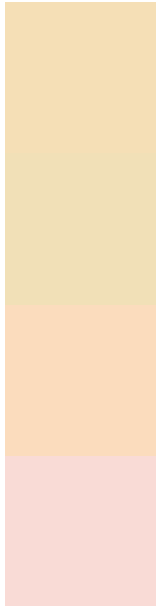
75.9370, 75.2531, 60.9751



Tritanopia

79.0475, 75.5042, 87.4983

Trichromacy



Original Color

72.4874, 75.5652, 55.0210

Protanomaly

71.4785, 75.4310, 55.5921

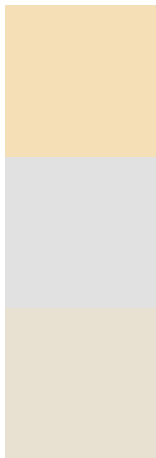
Deuteranomaly

74.5622, 75.3698, 58.7621

Tritanomaly

76.5360, 75.6578, 74.1879

Monochromacy



Original Color

72.4874, 75.5652, 55.0210

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4430, 75.0706, 71.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4874, 75.5652, 55.0210 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(245, 223, 182)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 182)  
}
```

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(245, 223, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 182) }
```

Border

The CSS property to change the border of an element to XYZ 72.4874, 75.5652, 55.0210 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(245, 223, 182) }
```


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

```
.border{ border-color:rgb(245, 223, 182) }
```

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

Here you see how a box with a 4 pixel rgb(245, 223, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 182);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4874, 75.5652, 55.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 182) }
```

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

```
.background{ background-color: rgb(245,  
223, 182) }
```

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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