

Converting Colors

XYZ(72.9327, 75.0584, 55.4648)

Have a look what the booklet for
XYZ(72.9327, 75.0584, 55.4648)
contains.

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Color

**XYZ(72.7615, 74.9060,
55.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DDB7
RGB	247, 221, 183
RGB Percent	97%, 87%, 72%
CMY	0.0314, 0.1333, 0.2823
CMYK	0.00, 0.11, 0.26, 0.03
HSL	36°, 80%, 84%
HSV	36°, 26%, 97%
XYZ	72.7615, 74.9060, 55.4231
YIQ	224.4420, 27.6940, -6.3060

Conversions

Conversions Part 2

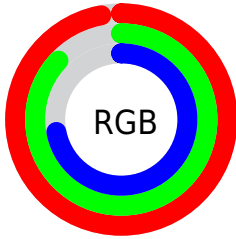
Format	Color
R_{YB}	227, 247, 183
Decimal	16244151
CIE Lab	89.35, 3.30, 21.95
CIE LCh	89, 22.195, 81.438
Yxy	74.9060, 0.3583, 0.3688
Android (android.graphics.Color)	4294434231 (0xFFF7DDB7)
YUV	224.4420, -20.4309, 19.7834
Hunter-Lab	86.5483, -1.3937, 22.6161

Details

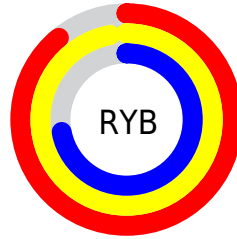
The XYZ color **72.7615, 74.9060, 55.4231** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.1169, 62.3819, 96.9212**, and the grayscale version is **71.2973, 75.0103, 81.6862**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **38.9007, 39.8313, 26.7570** is the 20% darker color. If you saturate the color by 10%, you get **67.8433, 68.8288, 42.1937**, and if you desaturate by 10%, it is **78.2932, 81.4871, 71.0845**.

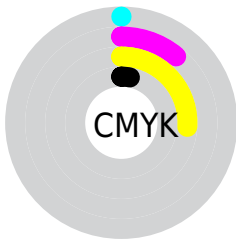
Distribution



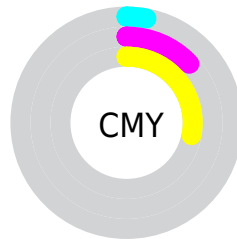
- Red (97%)
- Green (87%)
- Blue (72%)



- Red (89%)
- Yellow (97%)
- Blue (72%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7615, 74.9060, 55.4231 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 72.7615, 74.9060, 55.4231 by changing the saturation by 10% instead.


 72.7615, 74.9060,
55.4231

 72.7615, 74.9060,
55.4231


459.3044,
477.5944, 424.8408

 54.0687, 55.5359,
39.3397

 122.1435,
126.1793, 99.6379

 38.8874, 39.8309,
26.7142


153.5634,
158.8513, 128.6065

 26.8525, 27.4068,
17.1282


189.9564,
196.7260, 162.7071

 17.5985, 17.8789,
10.1630

231.6877,
240.1878, 202.3584

 10.7601, 10.8631,
5.4001

279.1228,
289.6212, 247.9788

 5.9718, 5.9749,
2.4211

332.6271,

 2.8685, 2.8298,

345.4105, 299.9870

0.7979

392.5658,
407.9401, 358.8015

■ 1.0846, 1.0435,
0.0000

■ 0.0122, 0.0000,
0.0000

■ 72.7615, 74.9060,
55.4231

■ 72.7615, 74.9060,
55.4231

■ 67.8433, 68.8288,
42.1937

■ 78.2932, 81.4871,
71.0845

■ 63.5063, 63.2304,
31.2664

■ 84.4569, 88.5759,
89.2891

■ 59.7239, 58.0982,
22.5066

■ 90.9374, 96.0532,
108.3549

■ 56.4649, 53.4151,
15.7631

■ 92.1679, 98.5142,
108.7651

■ 53.6939, 49.1623,
10.8655

■ 51.3704, 45.3185,
7.6145

■ 49.4444, 41.8587,
5.7636

■ 48.7414, 40.5413,
5.2563

Harmonies

Analogous

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



77.9039, 74.9060, 60.3438



72.7615, 74.9060, 55.4231



67.4480, 74.9060, 56.7753

Triad

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



72.7615, 74.9060, 55.4231



61.9139, 74.9060, 92.9830



79.6751, 74.9060, 101.6532

Complementary

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



72.7615, 74.9060, 55.4231



59.1169, 62.3819, 96.9212

Split Complementary

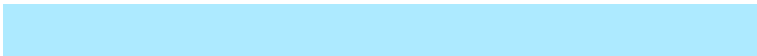
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0801, 74.9060, 112.6753



72.7615, 74.9060, 55.4231



64.8845, 74.9060, 107.2436

Square

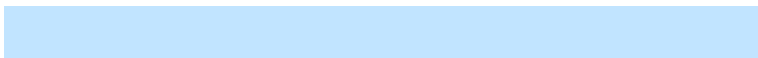
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7615, 74.9060, 55.4231



61.3635, 74.9060, 77.1891



69.6529, 74.9060, 114.8416



82.0263, 74.9060, 86.0926

Rectangle

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



72.7615, 74.9060, 55.4231



64.5079, 74.9060, 61.1363



69.6529, 74.9060, 114.8416



78.3309, 74.9060, 106.0900

Sweetspot

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



72.7635, 74.9094, 55.4247



89.3511, 93.5819, 91.6484



66.8833, 58.2786, 68.4798



18.9063, 19.7807, 18.9659



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.



72.7635, 74.9094, 55.4247



75.4305, 77.1105, 51.9566



78.3122, 88.7592, 57.8055



17.3173, 18.1188, 17.3821



25.9207, 21.7270, 2.8276



2.3789, 2.1111, 0.2821

Inverse Universe

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



59.1169, 62.3819, 96.9212



58.5131, 61.5841, 103.4107



54.5441, 51.3171, 95.0264



16.1338, 17.0318, 20.9797



11.4364, 8.6666, 47.6081



1.1033, 0.9581, 4.2170

Previews

White Background



This preview shows how the XYZ color 72.7615, 74.9060, 55.4231 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 72.7615, 74.9060, 55.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

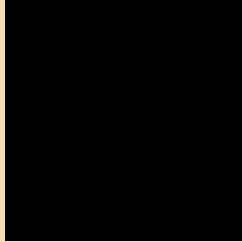
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7615, 74.9060, 55.4231

Background



This preview shows how black text looks on a background with the XYZ color 72.7615, 74.9060, 55.4231.



This preview shows how white text looks on a background with the XYZ color 72.7615, 74.9060,

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

72.7615, 74.9060, 55.4231

Protanopia

70.6725, 74.9912, 56.6489

Deuteranopia

75.4568, 74.6473, 59.7216



Tritanopia

78.9784, 74.7453, 85.8660

Trichromacy



Original Color

72.7615, 74.9060, 55.4231

Protanomaly

71.3150, 74.9368, 56.0529

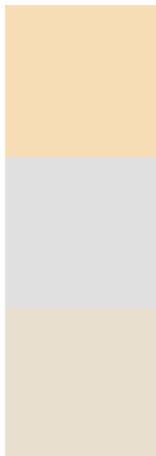
Deuteranomaly

74.2934, 74.4691, 58.0352

Tritanomaly

76.7341, 74.9900, 74.0485

Monochromacy



Original Color

72.7615, 74.9060, 55.4231

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1750, 74.5346, 70.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7615, 74.9060, 55.4231 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(247, 221, 183)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 183)  
}
```

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(247, 221, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 183) }
```

Border

The CSS property to change the border of an element to XYZ 72.7615, 74.9060, 55.4231 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(247, 221, 183) }
```


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

```
.border{ border-color:rgb(247, 221, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 221, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 221, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 221, 183); box-shadow:4px 4px 4px 4px rgb(247, 221, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7615, 74.9060, 55.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 183) }
```

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

```
.background{ background-color: rgb(247,  
221, 183) }
```

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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