

Converting Colors

XYZ(131.8278, 106.5419,
54.2917)

Have a look what the booklet for
XYZ(131.8278, 106.5419, 54.2917)
contains.

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Color

**XYZ(75.6335, 77.6665,
51.5622)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0AF
RGB	255, 224, 175
RGB Percent	100%, 88%, 69%
CMY	0.0000, 0.1215, 0.3137
CMYK	0.00, 0.12, 0.31, 0.00
HSL	37°, 100%, 84%
HSV	37°, 31%, 100%
XYZ	75.6335, 77.6665, 51.5622
YIQ	227.6830, 34.2050, -8.6670

Conversions

Conversions Part 2

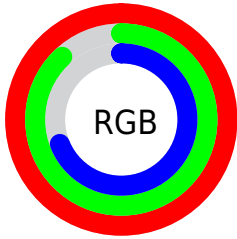
Format	Color
R_{YB}	226, 255, 175
Decimal	16769199
CIE _{Lab}	90.63, 3.73, 27.95
CIE _{LCh}	91, 28.198, 82.391
Yxy	77.6665, 0.3692, 0.3791
Android (android.graphics.Color)	4294959279 (0xFFFFE0AF)
YUV	227.6830, -25.9727, 23.9570
Hunter-Lab	88.1286, -1.0332, 27.0007

Details

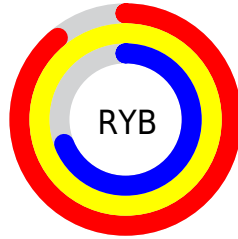
The XYZ color **75.6335, 77.6665, 51.5622** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7998, 60.4745, 103.2341**, and the grayscale version is **73.6791, 77.5161, 84.4151**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **40.7268, 41.6514, 24.3053** is the 20% darker color. If you saturate the color by 10%, you get **70.7837, 71.6035, 38.7345**, and if you desaturate by 10%, it is **81.1145, 84.2344, 66.9353**.

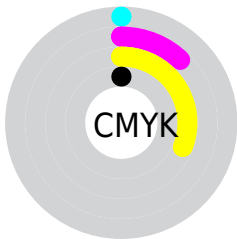
Distribution



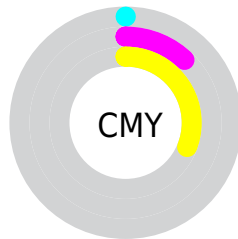
- Red (100%)
- Green (88%)
- Blue (69%)



- Red (89%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6335, 77.6665, 51.5622 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 75.6335, 77.6665, 51.5622 by changing the saturation by 10% instead.


 75.6335, 77.6665,
51.5622

 75.6335, 77.6665,
51.5622

469.0559,
487.0335, 409.6529

 56.4280, 57.8001,
36.2764


 126.1918,
130.0799, 93.9053

 40.7845, 41.6479,
24.3564


158.2754,
163.3956, 121.7996

 28.3377, 28.8257,
15.3835


195.3824,
201.9632, 154.7338

 18.7221, 18.9490,
8.9394

237.8781,
246.1671, 193.1266

 11.5725, 11.6334,
4.6054

286.1280,
296.3917, 237.3963

 6.5234, 6.4946,
1.9630

340.4973,

 3.2095, 3.1481,

353.0214, 287.9615

0.5324

401.3515,
416.4405, 345.2409

■ 1.2655, 1.2095,
0.0000

■ 0.1572, 0.0695,
0.0000

■ 75.6335, 77.6665,
51.5622

■ 75.6335, 77.6665,
51.5622

■ 70.7837, 71.6035,
38.7345

■ 81.1145, 84.2344,
66.9353

■ 66.5300, 66.0189,
28.3058

■ 87.2478, 91.3113,
84.9792

■ 62.8423, 60.8991,
20.1225

■ 94.0610, 98.9151,
105.8171

■ 59.6849, 56.2256,
14.0105

■ 95.0500, 100.0000,
108.9000

■ 57.0174, 51.9775,
9.7702

■ 54.7914, 48.1310,
7.1615

■ 53.1631, 45.1062,
5.9044

Harmonies

Analogous

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



82.4259, 77.6665, 57.3332



75.6335, 77.6665, 51.5622



68.7640, 77.6665, 53.4478

Triad

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



75.6335, 77.6665, 51.5622



61.9560, 77.6665, 100.2713



85.1150, 77.6665, 110.6053

Complementary

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



75.6335, 77.6665, 51.5622



57.7998, 60.4745, 103.2341

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.



79.1173, 77.6665, 125.8884



75.6335, 77.6665, 51.5622



65.8344, 77.6665, 119.2894

Square

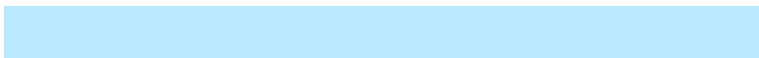
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6335, 77.6665, 51.5622



61.1545, 77.6665, 79.5169



72.0351, 77.6665, 129.2969



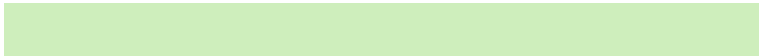
88.1229, 77.6665, 89.8237

Rectangle

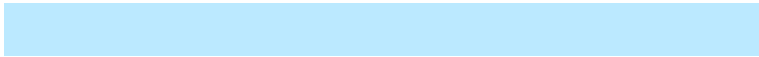
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6335, 77.6665, 51.5622



65.0331, 77.6665, 58.9588



72.0351, 77.6665, 129.2969



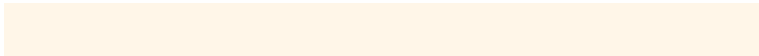
83.3641, 77.6665, 116.6839

Sweetspot

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



75.6355, 77.6701, 51.5638



88.8014, 93.0666, 89.6645



67.8330, 56.4257, 66.3483



18.8022, 19.6889, 18.5727



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.



75.6355, 77.6701, 51.5638



72.3513, 73.5944, 42.7847



81.8559, 94.3894, 54.4631



18.9357, 19.8396, 18.9757



27.9281, 23.8674, 3.1349



2.8253, 2.5361, 0.3406

Inverse Universe

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



57.7998, 60.4745, 103.2341



51.8294, 53.8176, 102.2639



52.9092, 47.9482, 101.0740



17.5800, 18.5317, 22.9004



11.8867, 8.6829, 50.4841



1.2595, 1.0498, 4.9495

Previews

White Background



This preview shows how the XYZ color 75.6335, 77.6665, 51.5622 looks on a white background.

Color Contrast Check

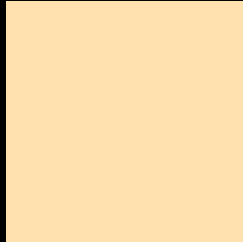
Large Text (above 18pt) WCAG AA × Fail

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 75.6335, 77.6665, 51.5622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

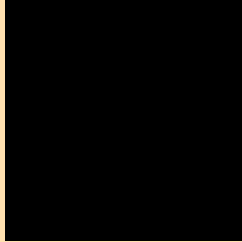
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6335, 77.6665, 51.5622

Background



This preview shows how black text looks on a background with the XYZ color 75.6335, 77.6665, 51.5622.



This preview shows how white text looks on a background with the XYZ color 75.6335, 77.6665,

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

75.6335, 77.6665, 51.5622

Protanopia

72.9874, 77.8942, 52.7832

Deuteranopia

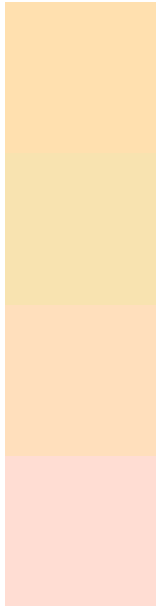
77.3251, 77.4881, 63.1058



Tritanopia

81.1370, 77.7492, 87.0747

Trichromacy



Original Color

75.6335, 77.6665, 51.5622

Protanomaly

74.0170, 78.0292, 52.2343

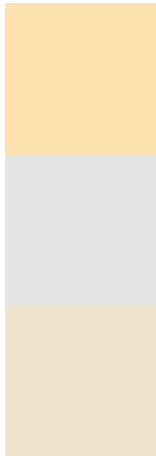
Deuteranomaly

76.7048, 77.6662, 58.5252

Tritanomaly

78.8543, 77.6761, 72.4649

Monochromacy



Original Color

75.6335, 77.6665, 51.5622

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2376, 77.7188, 71.4101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6335, 77.6665, 51.5622 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(255, 224, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 175)  
}
```

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(255, 224, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 175) }
```

Border

The CSS property to change the border of an element to XYZ 75.6335, 77.6665, 51.5622 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(255, 224, 175) }
```


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

```
.border{ border-color:rgb(255, 224, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6335, 77.6665, 51.5622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 175) }
```

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

```
.background{ background-color: rgb(255,  
224, 175) }
```

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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