

Converting Colors

XYZ(76.0058, 76.7804, 56.7136)

Have a look what the booklet for
XYZ(76.0058, 76.7804, 56.7136)
contains.

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Color

**XYZ(76.1182, 77.0053,
56.7506)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEB9
RGB	255, 222, 185
RGB Percent	100%, 87%, 73%
CMY	0.0000, 0.1294, 0.2745
CMYK	0.00, 0.13, 0.27, 0.00
HSL	32°, 100%, 86%
HSV	32°, 27%, 100%
XYZ	76.1182, 77.0053, 56.7506
YIQ	227.6490, 31.5450, -4.5110

Conversions

Conversions Part 2

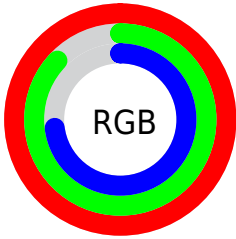
Format	Color
R _Y B	247, 255, 185
Decimal	16768697
CIE Lab	90.32, 6.03, 22.36
CIE LCh	90, 23.162, 74.911
Yxy	77.0053, 0.3627, 0.3669
Android (android.graphics.Color)	4294958777 (0xFFFFDEB9)
YUV	227.6490, -21.0260, 23.9868
Hunter-Lab	87.7527, 1.2669, 23.0834

Details

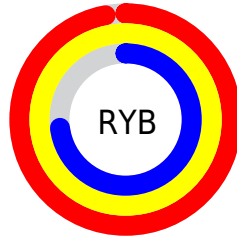
The XYZ color **76.1182, 77.0053, 56.7506** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.1283, 67.6750, 104.3431**, and the grayscale version is **73.6205, 77.4545, 84.3480**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **41.0095, 41.1737, 27.6157** is the 20% darker color. If you saturate the color by 10%, you get **70.5850, 69.8674, 42.7952**, and if you desaturate by 10%, it is **82.3657, 84.7985, 73.3277**.

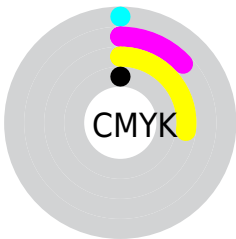
Distribution



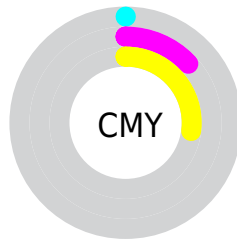
- Red (100%)
- Green (87%)
- Blue (73%)



- Red (97%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1182, 77.0053, 56.7506 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 76.1182, 77.0053, 56.7506 by changing the saturation by 10% instead.


 76.1182, 77.0053,
56.7506

 76.1182, 77.0053,
56.7506


470.6904,
484.7821, 429.9816

 56.8268, 57.2572,
40.3970


 126.8734,
129.1470, 101.5979

 41.1058, 41.2118,
27.5321


159.0680,
162.3093, 130.9287

 28.5898, 28.4846,
17.7373


196.2944,
200.7119, 165.4223

 18.9135, 18.6913,
10.5940

238.9179,
244.7392, 205.4973

 11.7114, 11.4474,
5.6838

287.3039,
294.7754, 251.5722

 6.6183, 6.3686,
2.5882

341.8177,

 3.2687, 3.0705,

351.2050, 304.0655

0.8863

402.8248,
414.4125, 363.3958

■ 1.2974, 1.1686,
0.0000

■ 0.1813, 0.0359,
0.0000

■ 76.1182, 77.0053,
56.7506

■ 76.1182, 77.0053,
56.7506

■ 70.5850, 69.8674,
42.7952

■ 82.3657, 84.7985,
73.3277

■ 65.7298, 63.3546,
31.3193

■ 89.3501, 93.2553,
92.6491

■ 61.5215, 57.4493,
22.1741

95.0500, 100.0000,
108.9000

■ 57.9237, 52.1291,
15.1930

■ 54.8954, 47.3691,
10.1867

■ 52.3895, 43.1418,
6.9326

■ 50.3455, 39.4140,
5.1409

■ 49.8769, 38.5337,
4.8090

Harmonies

Analogous

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



81.3351, 77.0053, 63.3492



76.1182, 77.0053, 56.7506



70.3726, 77.0053, 56.7310

Triad

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



76.1182, 77.0053, 56.7506



62.9827, 77.0053, 92.2928



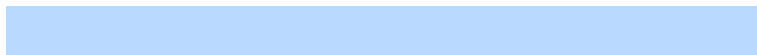
81.3090, 77.0053, 108.4280

Complementary

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



76.1182, 77.0053, 56.7506



63.1283, 67.6750, 104.3431

Split Complementary

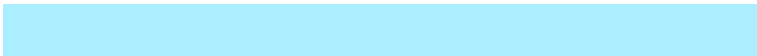
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0842, 77.0053, 118.4600



76.1182, 77.0053, 56.7506



65.6100, 77.0053, 108.3455

Square

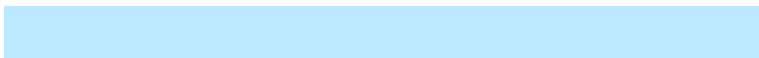
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1182, 77.0053, 56.7506



62.9908, 77.0053, 75.8415



70.3403, 77.0053, 118.4280



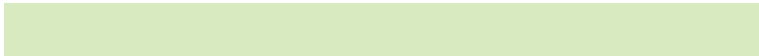
84.4374, 77.0053, 92.3941

Rectangle

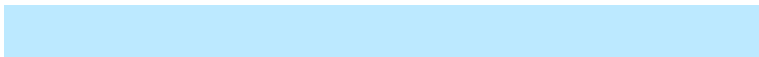
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1182, 77.0053, 56.7506



67.0220, 77.0053, 60.3902



70.3403, 77.0053, 118.4280



79.7279, 77.0053, 112.7020

Sweetspot

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



76.1201, 77.0088, 56.7522



88.9465, 92.7727, 91.5136



71.3537, 61.0645, 74.9294



18.8043, 19.5768, 18.9319



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.



76.1201, 77.0088, 56.7522



72.9624, 72.9666, 48.6916



85.3292, 96.0623, 59.9445



18.8043, 19.5768, 18.9319



26.2126, 20.4364, 2.5631



2.6617, 2.2087, 0.2860

Inverse Universe

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



63.1283, 67.6750, 104.3431



57.9857, 62.2086, 103.5590



55.6900, 52.3789, 101.7827



17.7090, 18.7897, 22.9434



13.1000, 11.1096, 50.8885



1.3838, 1.2983, 4.9909

Previews

White Background



This preview shows how the XYZ color 76.1182, 77.0053, 56.7506 looks on a white background.

Color Contrast Check

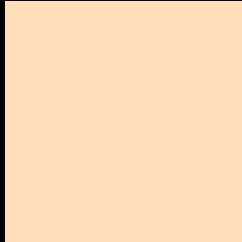
Large Text (above 18pt) WCAG AA × Fail

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 76.1182, 77.0053, 56.7506 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 76.1182, 77.0053, 56.7506

Background



This preview shows how black text looks on a background with the XYZ color 76.1182, 77.0053, 56.7506.



This preview shows how white text looks on a background with the XYZ color 76.1182, 77.0053,

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

76.1182, 77.0053, 56.7506

Protanopia

72.3739, 77.0513, 58.0716

Deuteranopia

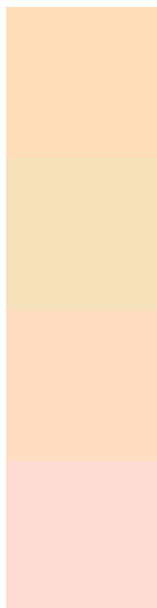
77.2895, 77.0501, 64.2246



Tritanopia

80.7352, 77.1723, 86.2418

Trichromacy



Original Color

76.1182, 77.0053, 56.7506

Protanomaly

73.4443, 76.8081, 57.4089

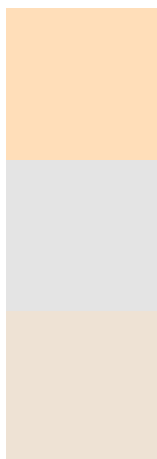
Deuteranomaly

76.7221, 76.8232, 61.2367

Tritanomaly

78.7091, 76.7781, 74.2896

Monochromacy



Original Color

76.1182, 77.0053, 56.7506

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3399, 77.3233, 73.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1182, 77.0053, 56.7506 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, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 185)  
}
```

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, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 185) }
```

Border

The CSS property to change the border of an element to XYZ 76.1182, 77.0053, 56.7506 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, 222, 185) }
```


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

```
.border{ border-color:rgb(255, 222, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1182, 77.0053, 56.7506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 185) }
```

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

```
.background{ background-color: rgb(255,  
222, 185) }
```

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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