

Converting Colors

XYZ(153.6499, 117.5911,
60.5450)

Have a look what the booklet for
XYZ(153.6499, 117.5911, 60.5450)
contains.

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Color

**XYZ(76.6526, 78.0741,
56.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0B9
RGB	255, 224, 185
RGB Percent	100%, 88%, 73%
CMY	0.0000, 0.1215, 0.2745
CMYK	0.00, 0.12, 0.27, 0.00
HSL	33°, 100%, 86%
HSV	33°, 27%, 100%
XYZ	76.6526, 78.0741, 56.9287
YIQ	228.8230, 30.9950, -5.5570

Conversions

Conversions Part 2

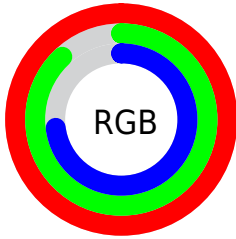
Format	Color
R_{YB}	241, 255, 185
Decimal	16769209
CIE _{Lab}	90.81, 5.00, 23.04
CIE _{LCh}	91, 23.577, 77.749
Yxy	78.0741, 0.3622, 0.3689
Android (android.graphics.Color)	4294959289 (0xFFFFE0B9)
YUV	228.8230, -21.6047, 22.9572
Hunter-Lab	88.3595, 0.2209, 23.6520

Details

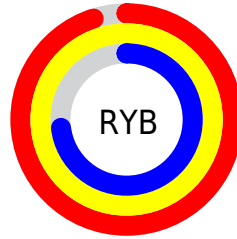
The XYZ color **76.6526, 78.0741, 56.9287** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.6127, 66.6439, 104.1713**, and the grayscale version is **74.4855, 78.3646, 85.3390**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **41.3788, 41.9122, 27.7388** is the 20% darker color. If you saturate the color by 10%, you get **71.2644, 71.2262, 43.0217**, and if you desaturate by 10%, it is **82.7290, 85.5252, 73.4488**.

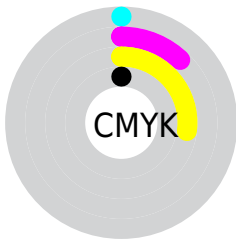
Distribution



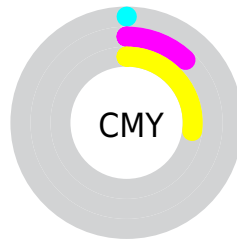
- Red (100%)
- Green (88%)
- Blue (73%)



- Red (95%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6526, 78.0741, 56.9287 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 76.6526, 78.0741, 56.9287 by changing the saturation by 10% instead.


 76.6526, 78.0741,
56.9287

 76.6526, 78.0741,
56.9287

472.4889,
488.4184, 430.6683

 57.2667, 58.1349,
40.5390


 127.6244,
130.6546, 101.8604

 41.4604, 41.9171,
27.6421


159.9411,
164.0646, 131.2396

 28.8683, 29.0364,
17.8193


197.2987,
202.7337, 165.7856

 19.1250, 19.1083,
10.6523

240.0627,
247.0462, 205.9171

 11.8652, 11.7486,
5.7223

288.5983,
297.3865, 252.0526

 6.7235, 6.5727,
2.6109

343.2710,

 3.3346, 3.1964,

354.1390, 304.6106

0.8981

404.4460,
417.6882, 364.0097

■ 1.3331, 1.2351,
0.0000

■ 0.2078, 0.0901,
0.0000

■ 76.6526, 78.0741,
56.9287

■ 76.6526, 78.0741,
56.9287

■ 71.2644, 71.2262,
43.0217

■ 82.7290, 85.5252,
73.4488

■ 66.5290, 64.9529,
31.5856

■ 89.5155, 93.5861,
92.7042

■ 62.4160, 59.2384,
22.4723

95.0500, 100.0000,
108.9000

■ 58.8901, 54.0619,
15.5151

■ 55.9112, 49.4007,
10.5253

■ 53.4331, 45.2291,
7.2805

■ 51.3965, 41.5161,
5.4912

■ 50.9267, 40.6333,
5.1589

Harmonies

Analogous

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



82.1394, 78.0741, 63.0600



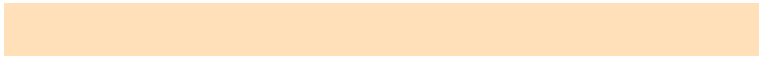
76.6526, 78.0741, 56.9287



70.7858, 78.0741, 57.5513

Triad

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



76.6526, 78.0741, 56.9287



63.8704, 78.0741, 95.3559



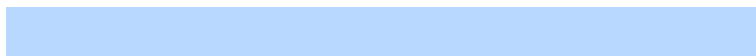
82.9695, 78.0741, 108.9063

Complementary

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



76.6526, 78.0741, 56.9287



62.6127, 66.6439, 104.1713

Split Complementary

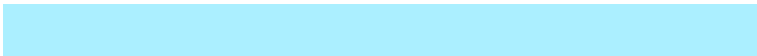
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7369, 78.0741, 120.0504



76.6526, 78.0741, 56.9287



66.8027, 78.0741, 111.5392

Square

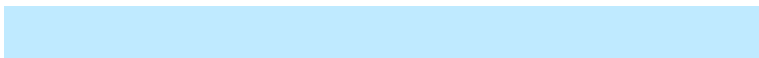
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6526, 78.0741, 56.9287



63.6147, 78.0741, 78.2677



71.8142, 78.0741, 121.0735



85.9145, 78.0741, 92.1275

Rectangle

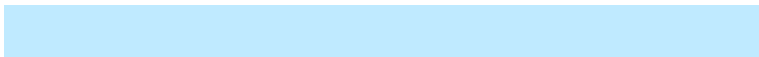
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6526, 78.0741, 56.9287



67.4444, 78.0741, 61.7185



71.8142, 78.0741, 121.0735



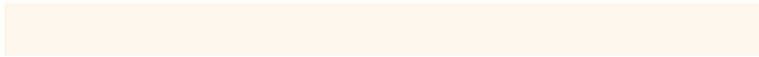
81.4074, 78.0741, 113.5270

Sweetspot

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



76.6545, 78.0776, 56.9303



89.1235, 93.1267, 91.5726



71.0489, 60.9425, 73.3243



18.8489, 19.6660, 18.9468



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.



76.6545, 78.0776, 56.9303



73.5805, 74.2028, 48.8976



84.4812, 95.6251, 59.9048



18.8489, 19.6660, 18.9468



26.7616, 21.5345, 2.7461



2.7147, 2.3147, 0.3037

Inverse Universe

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



62.6127, 66.6439, 104.1713



57.3946, 61.0264, 103.3620



56.2622, 52.6739, 101.8095



17.6650, 18.7015, 22.9287



12.6550, 10.2195, 50.7402



1.3390, 1.2086, 4.9760

Previews

White Background



This preview shows how the XYZ color 76.6526, 78.0741, 56.9287 looks on a white background.

Color Contrast Check

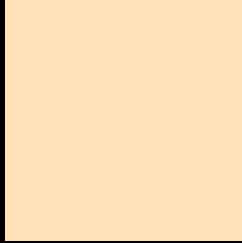
Large Text (above 18pt) WCAG AA × Fail

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 76.6526, 78.0741, 56.9287 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 76.6526, 78.0741, 56.9287

Background



This preview shows how black text looks on a background with the XYZ color 76.6526, 78.0741, 56.9287.



This preview shows how white text looks on a background with the XYZ color 76.6526, 78.0741,

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

76.6526, 78.0741, 56.9287

Protanopia

73.3310, 77.9519, 58.1950

Deuteranopia

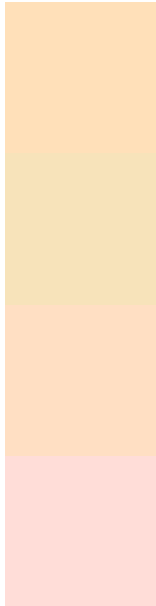
78.0530, 78.2055, 65.6249



Tritanopia

81.2795, 77.8062, 87.8250

Trichromacy



Original Color

76.6526, 78.0741, 56.9287

Protanomaly

74.6898, 78.2575, 57.6230

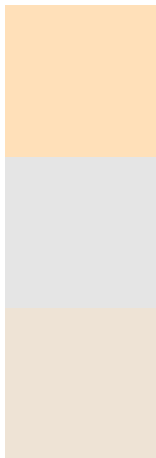
Deuteranomaly

77.4780, 77.9755, 62.5970

Tritanomaly

79.4911, 77.9308, 75.8183

Monochromacy



Original Color

76.6526, 78.0741, 56.9287

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7392, 77.9194, 74.0516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6526, 78.0741, 56.9287 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 185) }
```

Border

The CSS property to change the border of an element to XYZ 76.6526, 78.0741, 56.9287 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, 185) }
```


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

```
.border{ border-color:rgb(255, 224, 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, 224, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6526, 78.0741, 56.9287 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, 185) }
```

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

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