

Converting Colors

XYZ(87.4377, 84.0202, 56.3450)

Have a look what the booklet for
XYZ(87.4377, 84.0202, 56.3450)
contains.

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Color

**XYZ(76.7125, 78.5293,
55.9142)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFE1B7 |
| RGB | 255, 225, 183 |
| RGB Percent | 100%, 88%, 72% |
| CMY | 0.0000, 0.1176, 0.2823 |
| CMYK | 0.00, 0.12, 0.28, 0.00 |
| HSL | 35°, 100%, 86% |
| HSV | 35°, 28%, 100% |
| XYZ | 76.7125, 78.5293, 55.9142 |
| YIQ | 229.1820, 31.3620, -6.7020 |

Conversions

Conversions Part 2

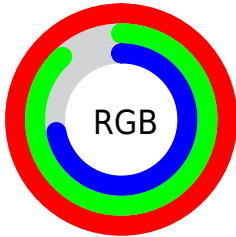
| Format | Color |
|-------------------------------------|---|
| RYB | 234, 255, 183 |
| Decimal | 16769463 |
| CIELab | 91.02, 4.23, 24.36 |
| CIELCh | 91, 24.725, 80.146 |
| Yxy | 78.5293, 0.3633, 0.3719 |
| Android (android.graphics.Color) | 4294959543 (0xFFFFE1B7) |
| YUV | 229.1820, -22.7677, 22.6424 |
| Hunter-Lab | 88.6168, -0.5580, 24.6217 |

Details

The XYZ color **76.7125, 78.5293, 55.9142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.3720, 64.8738, 103.8950**, and the grayscale version is **74.7579, 78.6512, 85.6511**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **41.4299, 42.2315, 27.0870** is the 20% darker color. If you saturate the color by 10%, you get **71.5124, 71.9988, 42.2514**, and if you desaturate by 10%, it is **82.5759, 85.6165, 72.1722**.

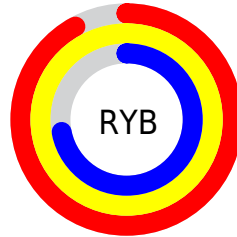
Distribution



Red (100%)

Green (88%)

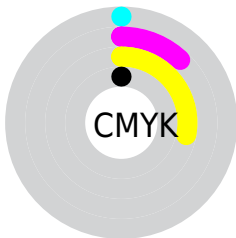
Blue (72%)



Red (92%)

Yellow (100%)

Blue (72%)

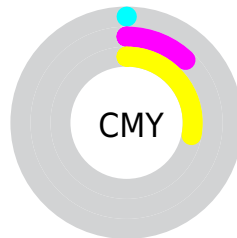


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7125, 78.5293, 55.9142 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 76.7125, 78.5293, 55.9142 by changing the saturation by 10% instead.


 76.7125, 78.5293,
55.9142

 76.7125, 78.5293,
55.9142


472.6902,
489.9625, 426.7473

 57.3160, 58.5089,
39.7306

 127.7086,
131.2960, 100.3637

 41.5002, 42.2179,
27.0164


160.0389,
164.8111, 129.4666

 28.8995, 29.2720,
17.3530

197.4112,
203.5932, 163.7131

 19.1487, 19.2866,
10.3219

240.1909,
248.0267, 203.5216

 11.8824, 11.8776,
5.5045

288.7433,
298.4959, 249.3108

 6.7353, 6.6604,
2.4823

343.4337,

 3.3420, 3.2506,

355.3854, 301.4991

0.8308

404.6276,
419.0795, 360.5051

■ 1.3371, 1.2639,
0.0000

■ 0.2107, 0.1130,
0.0000

■ 76.7125, 78.5293,
55.9142

■ 76.7125, 78.5293,
55.9142

■ 71.5124, 71.9988,
42.2514

■ 82.5759, 85.6165,
72.1722

■ 66.9409, 65.9978,
31.0411

■ 89.1241, 93.2658,
91.1481

■ 62.9680, 60.5117,
22.1340

95.0500, 100.0000,
108.9000

■ 59.5587, 55.5210,
15.3625

■ 56.6735, 51.0042,
10.5356

■ 54.2661, 46.9372,
7.4281

■ 52.2742, 43.2889,
5.7297

■ 51.9510, 42.6820,
5.5003

Harmonies

Analogous

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



82.5980, 78.5293, 61.7395



76.7125, 78.5293, 55.9142



70.5819, 78.5293, 57.1252

Triad

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



76.7125, 78.5293, 55.9142



63.9298, 78.5293, 97.8982



84.2376, 78.5293, 109.4771

Complementary

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



76.7125, 78.5293, 55.9142



61.3720, 64.8738, 103.8950

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.



78.8502, 78.5293, 122.0036



76.7125, 78.5293, 55.9142



67.2099, 78.5293, 114.6993

Square

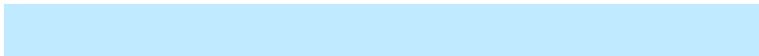
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7125, 78.5293, 55.9142



63.4285, 78.5293, 79.7568



72.6047, 78.5293, 124.0376



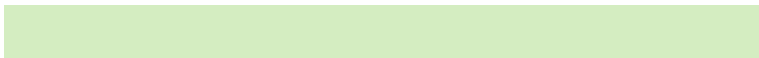
87.0998, 78.5293, 91.5231

Rectangle

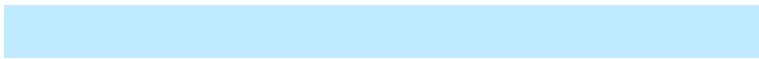
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7125, 78.5293, 55.9142



67.1660, 78.5293, 61.8304



72.6047, 78.5293, 124.0376



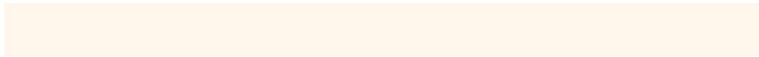
82.6482, 78.5293, 114.5620

Sweetspot

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



76.7143, 78.5328, 55.9158



89.2862, 93.4521, 91.6268



70.1842, 59.9319, 70.8204



18.8899, 19.7480, 18.9605



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.



76.7143, 78.5328, 55.9158



73.6365, 74.6996, 47.7299



83.3744, 95.0787, 58.7585



18.8899, 19.7480, 18.9605



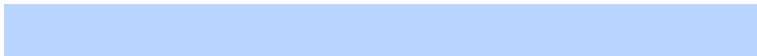
27.2964, 22.6040, 2.9243



2.7657, 2.4168, 0.3207

Inverse Universe

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



61.3720, 64.8738, 103.8950



55.9548, 58.9627, 103.0395



55.9706, 51.9068, 101.6768



17.6247, 18.6210, 22.9152



12.2763, 9.4621, 50.6139



1.3002, 1.1311, 4.9631

Previews

White Background



This preview shows how the XYZ color 76.7125, 78.5293, 55.9142 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 76.7125, 78.5293, 55.9142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

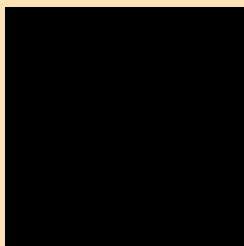
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7125, 78.5293, 55.9142

Background



This preview shows how black text looks on a background with the XYZ color 76.7125, 78.5293, 55.9142.



This preview shows how white text looks on a background with the XYZ color 76.7125, 78.5293,

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

76.7125, 78.5293, 55.9142

Protanopia

73.7384, 78.5961, 57.1831

Deuteranopia

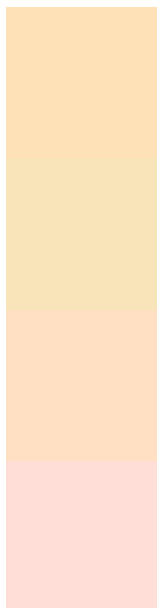
78.4383, 78.7884, 66.3319



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

76.7125, 78.5293, 55.9142

Protanomaly

74.7529, 78.7217, 56.6023

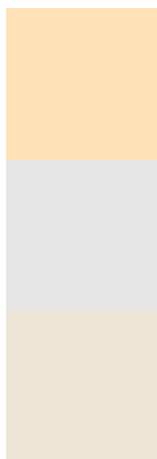
Deuteranomaly

77.6333, 78.4664, 62.0927

Tritanomaly

79.6270, 78.4088, 75.2276

Monochromacy



Original Color

76.7125, 78.5293, 55.9142

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8870, 78.4174, 73.4765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7125, 78.5293, 55.9142 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, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 183) }
```

Border

The CSS property to change the border of an element to XYZ 76.7125, 78.5293, 55.9142 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, 225, 183) }
```


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

```
.border{ border-color:rgb(255, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7125, 78.5293, 55.9142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 183) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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