

Converting Colors

XYZ(198.0340, 141.1145,
56.2628)

Have a look what the booklet for
XYZ(198.0340, 141.1145, 56.2628)
contains.

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Color

**XYZ(75.7080, 78.1276,
50.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1AD
RGB	255, 225, 173
RGB Percent	100%, 88%, 68%
CMY	0.0000, 0.1176, 0.3216
CMYK	0.00, 0.12, 0.32, 0.00
HSL	38°, 100%, 84%
HSV	38°, 32%, 100%
XYZ	75.7080, 78.1276, 50.6250
YIQ	228.0420, 34.5720, -9.8120

Conversions

Conversions Part 2

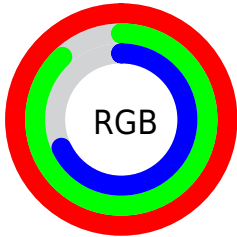
Format	Color
RYB	220, 255, 173
Decimal	16769453
CIELab	90.84, 2.98, 29.26
CIELCh	91, 29.414, 84.189
Yxy	78.1276, 0.3703, 0.3821
Android (android.graphics.Color)	4294959533 (0xFFFFE1AD)
YUV	228.0420, -27.1357, 23.6422
Hunter-Lab	88.3898, -1.7926, 27.9147

Details

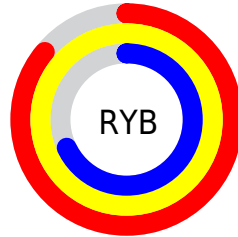
The XYZ color **75.7080, 78.1276, 50.6250** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6388, 58.8141, 102.9748**, and the grayscale version is **73.9498, 77.8010, 84.7252**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **40.7908, 41.9758, 23.7215** is the 20% darker color. If you saturate the color by 10%, you get **71.0197, 72.3299, 38.0286**, and if you desaturate by 10%, it is **81.0090, 84.3964, 65.7506**.

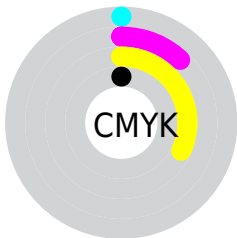
Distribution



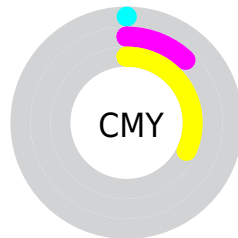
- Red (100%)
- Green (88%)
- Blue (68%)



- Red (86%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7080, 78.1276, 50.6250 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 75.7080, 78.1276, 50.6250 by changing the saturation by 10% instead.


 75.7080, 78.1276,
50.6250

 75.7080, 78.1276,
50.6250

469.3073,
488.6001, 405.9099

 56.4893, 58.1788,
35.5356


 126.2966,
130.7300, 92.5060

 40.8339, 41.9524,
23.7889


158.3973,
164.1524, 120.1348

 28.3764, 29.0640,
14.9663


195.5226,
202.8347, 152.7803

 18.7515, 19.1293,
8.6494

238.0380,
247.1615, 190.8613

 11.5938, 11.7637,
4.4195

286.3088,
297.5170, 234.7962

 6.5380, 6.5830,
1.8582

340.7004,

 3.2186, 3.2027,

354.2856, 285.0036

0.4659

401.5781,
417.8519, 341.9020

■ 1.2704, 1.2385,
0.0000

■ 0.1609, 0.0928,
0.0000

■ 75.7080, 78.1276,
50.6250

■ 75.7080, 78.1276,
50.6250

■ 71.0197, 72.3299,
38.0286

■ 81.0090, 84.3964,
65.7506

■ 66.9090, 66.9773,
27.8144

■ 86.9437, 91.1397,
83.5317

■ 63.3463, 62.0573,
19.8274

■ 93.5391, 98.3744,
104.0916

■ 60.2959, 57.5520,
13.8923

95.0500, 100.0000,
108.9000

■ 57.7174, 53.4414,
9.8068

■ 55.5621, 49.7021,
7.3269

■ 54.1121, 47.0041,
6.2207

Harmonies

Analogous

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



82.8988, 78.1276, 56.1149



75.7080, 78.1276, 50.6250



68.5788, 78.1276, 53.0459

Triad

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



75.7080, 78.1276, 50.6250



62.0196, 78.1276, 102.8818



86.4052, 78.1276, 111.2094

Complementary

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



75.7080, 78.1276, 50.6250



56.6388, 58.8141, 102.9748

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.



80.2423, 78.1276, 127.9191



75.7080, 78.1276, 50.6250



66.2394, 78.1276, 122.5795

Square

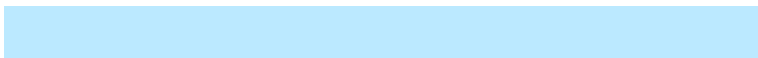
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7080, 78.1276, 50.6250



60.9823, 78.1276, 81.0079



72.8265, 78.1276, 132.3917



89.3327, 78.1276, 89.2609

Rectangle

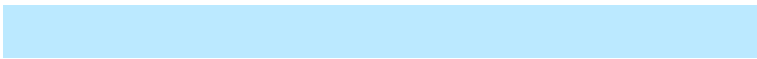
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7080, 78.1276, 50.6250



64.7748, 78.1276, 59.0649



72.8265, 78.1276, 132.3917



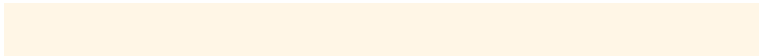
84.6243, 78.1276, 117.7620

Sweetspot

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



75.7100, 78.1312, 50.6266



88.3091, 92.6576, 87.7256



66.9715, 55.4629, 63.7180



18.7105, 19.6202, 18.1886



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.



75.7100, 78.1312, 50.6266



72.4360, 74.1116, 41.7403



80.6344, 93.7823, 53.3880



18.9699, 19.9079, 18.9871



28.4220, 24.8552, 3.2995



2.8715, 2.6285, 0.3560

Inverse Universe

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



56.6388, 58.8141, 102.9748



50.5070, 51.9103, 101.9654



52.7455, 47.2902, 100.9556



17.5470, 18.4656, 22.8893



11.6189, 8.1474, 50.3948



1.2311, 0.9928, 4.9400

Previews

White Background



This preview shows how the XYZ color 75.7080, 78.1276, 50.6250 looks on a white background.

Color Contrast Check

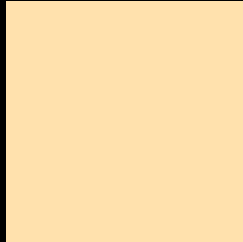
Large Text (above 18pt) WCAG AA × Fail

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 75.7080, 78.1276, 50.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

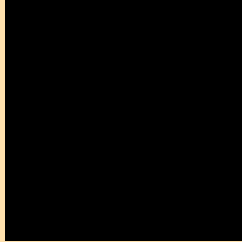
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7080, 78.1276, 50.6250

Background



This preview shows how black text looks on a background with the XYZ color 75.7080, 78.1276, 50.6250.



This preview shows how white text looks on a background with the XYZ color 75.7080, 78.1276,

50.6250.

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

75.7080, 78.1276, 50.6250

Protanopia

73.4134, 78.5462, 51.8491

Deuteranopia

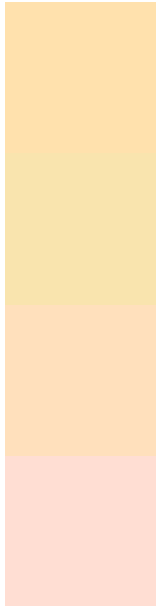
77.7057, 78.0666, 63.7961



Tritanopia

81.5412, 78.3296, 87.9122

Trichromacy



Original Color

75.7080, 78.1276, 50.6250

Protanomaly

74.4503, 78.6825, 51.3077

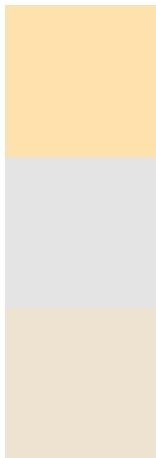
Deuteranomaly

76.9728, 78.2021, 58.6146

Tritanomaly

79.1191, 78.2057, 72.5532

Monochromacy



Original Color

75.7080, 78.1276, 50.6250

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1141, 77.6694, 70.7600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7080, 78.1276, 50.6250 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 173) }
```

Border

The CSS property to change the border of an element to XYZ 75.7080, 78.1276, 50.6250 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, 173) }
```


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

```
.border{ border-color:rgb(255, 225, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7080, 78.1276, 50.6250 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
225, 173) }
```

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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