

Converting Colors

XYZ(74.2104, 77.3501, 45.5808)

Have a look what the booklet for
XYZ(74.2104, 77.3501, 45.5808)
contains.

XYZ(74.4091, 77.5656, 45.7002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4091, 77.5656,
45.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE1A3
RGB	254, 225, 163
RGB Percent	100%, 88%, 64%
CMY	0.0039, 0.1176, 0.3608
CMYK	0.00, 0.11, 0.36, 0.00
HSL	41°, 98%, 82%
HSV	41°, 36%, 100%
XYZ	74.4091, 77.5656, 45.7002
YIQ	226.6030, 37.1860, -13.1340

Conversions

Conversions Part 2

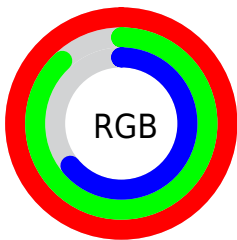
Format	Color
R _Y B	206, 254, 163
Decimal	16703907
CIE Lab	90.58, 1.42, 34.02
CIE LCh	91, 34.046, 87.611
Yxy	77.5656, 0.3764, 0.3924
Android (android.graphics.Color)	4294893987 (0xFFFE1A3)
YUV	226.6030, -31.3563, 24.0272
Hunter-Lab	88.0713, -3.3150, 30.8844

Details

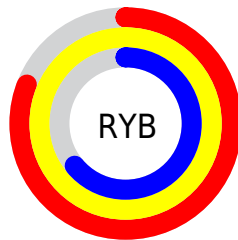
The XYZ color **74.4091, 77.5656, 45.7002** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.8427, 52.6398, 101.1940**, and the grayscale version is **72.9285, 76.7265, 83.5551**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **40.0089, 41.6329, 20.9662** is the 20% darker color. If you saturate the color by 10%, you get **70.2223, 72.4755, 34.1821**, and if you desaturate by 10%, it is **79.1606, 83.0531, 59.6632**.

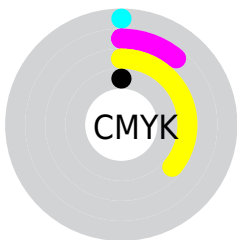
Distribution



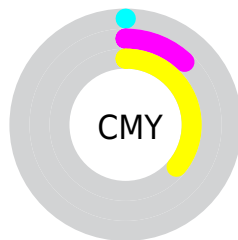
- Red (100%)
- Green (88%)
- Blue (64%)



- Red (81%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4091, 77.5656, 45.7002 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 74.4091, 77.5656, 45.7002 by changing the saturation by 10% instead.


 74.4091, 77.5656,
45.7002


 74.4091, 77.5656,
45.7002

464.9126,
486.6903, 385.8445

 55.4214, 57.7172,
31.6624


 124.4680,
129.9376, 85.0997

 39.9744, 41.5813,
20.8411


 156.2698,
163.2299, 111.2984

 27.7027, 28.7736,
12.8178


193.0738,
201.7724, 142.3879

 18.2410, 18.9096,
7.1739

235.2452,
245.9494, 178.7865

 11.2239, 11.6050,
3.4910

283.1495,
296.1453, 220.9130

 6.2860, 6.4753,
1.3505

337.1519,

 3.0621, 3.1362,

352.7445, 269.1858

0.1026

397.6178,
416.1313, 324.0235

■ 1.1867, 1.2032,
0.0000

■ 0.0958, 0.0644,
0.0000

■ 74.4091, 77.5656,
45.7002

■ 74.4091, 77.5656,
45.7002

■ 70.2223, 72.4755,
34.1821

■ 79.1606, 83.0531,
59.6632

■ 66.5654, 67.7582,
24.9586

■ 84.4976, 88.9402,
76.1996

■ 63.4085, 63.4022,
17.8704

■ 90.4468, 95.2425,
95.4346

■ 60.7156, 59.3908,
12.7354

94.6830, 99.8108,
108.8828

■ 58.4448, 55.7049,
9.3410

■ 56.5447, 52.3212,
7.4234

■ 55.8303, 50.9853,
6.8986

Harmonies

Analogous

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



82.8571, 77.5656, 50.6941



74.4091, 77.5656, 45.7002



66.3850, 77.5656, 49.3145

Triad

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



74.4091, 77.5656, 45.7002



60.1323, 77.5656, 108.1340



88.4492, 77.5656, 112.1795

Complementary

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



74.4091, 77.5656, 45.7002



51.8427, 52.6398, 101.1940

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.



81.5844, 77.5656, 133.2554



74.4091, 77.5656, 45.7002



65.2876, 77.5656, 130.6211

Square

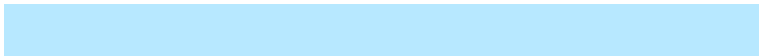
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4091, 77.5656, 45.7002



58.5296, 77.5656, 82.5142



73.0427, 77.5656, 140.5759



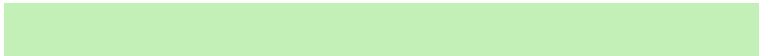
91.3432, 77.5656, 86.4276

Rectangle

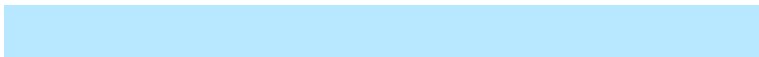
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4091, 77.5656, 45.7002



62.2681, 77.5656, 56.5971



73.0427, 77.5656, 140.5759



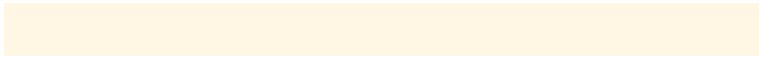
86.5048, 77.5656, 120.2202

Sweetspot

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



74.4111, 77.5692, 45.7018



88.0731, 92.7530, 85.8980



63.6336, 51.1312, 57.1635



18.6786, 19.6695, 17.8294



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.



74.4111, 77.5692, 45.7018



71.9878, 74.5350, 37.5223



77.5933, 91.8498, 48.2905



19.0446, 20.0573, 19.0120



29.5733, 27.1579, 3.6833



2.9780, 2.8414, 0.3915

Inverse Universe

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



51.8427, 52.6398, 101.1940



46.1680, 46.0298, 101.0591



49.3857, 42.8358, 99.4311



17.4754, 18.3223, 22.8655



11.0968, 7.1032, 50.2208



1.1740, 0.8787, 4.9210

Previews

White Background



This preview shows how the XYZ color 74.4091, 77.5656, 45.7002 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 74.4091, 77.5656, 45.7002 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 74.4091, 77.5656, 45.7002

Background



This preview shows how black text looks on a background with the XYZ color 74.4091, 77.5656, 45.7002.



This preview shows how white text looks on a background with the XYZ color 74.4091, 77.5656,

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

74.4091, 77.5656, 45.7002

Protanopia

72.4503, 77.7600, 46.3126

Deuteranopia

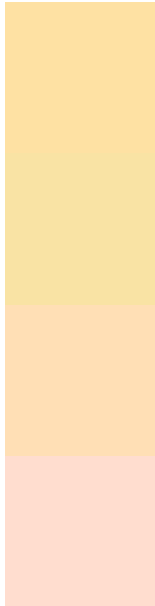
76.8757, 77.3083, 60.7394



Tritanopia

81.1370, 77.7492, 87.0747

Trichromacy



Original Color

74.4091, 77.5656, 45.7002

Protanomaly

73.2368, 77.7582, 46.2708

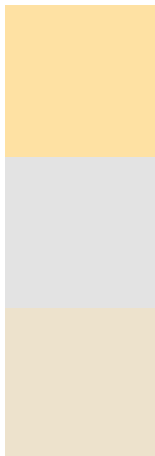
Deuteranomaly

75.9682, 77.3715, 54.6463

Tritanomaly

78.3589, 77.4779, 69.8563

Monochromacy



Original Color

74.4091, 77.5656, 45.7002

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0205, 76.7569, 68.0937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4091, 77.5656, 45.7002 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(254, 225, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 163)  
}
```

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(254, 225, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 163) }
```

Border

The CSS property to change the border of an element to XYZ 74.4091, 77.5656, 45.7002 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(254, 225, 163) }
```


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

```
.border{ border-color:rgb(254, 225, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4091, 77.5656, 45.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 163) }
```

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

```
.background{ background-color: rgb(254,  
225, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor