

Converting Colors

XYZ(73.8772, 76.6726, 53.2496)

Have a look what the booklet for
XYZ(73.8772, 76.6726, 53.2496)
contains.

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Color

**XYZ(73.7585, 76.6654,
53.0299)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E0B2
RGB	249, 224, 178
RGB Percent	98%, 88%, 70%
CMY	0.0235, 0.1215, 0.3020
CMYK	0.00, 0.10, 0.29, 0.02
HSL	39°, 86%, 84%
HSV	39°, 29%, 98%
XYZ	73.7585, 76.6654, 53.0299
YIQ	226.2310, 29.6660, -9.0060

Conversions

Conversions Part 2

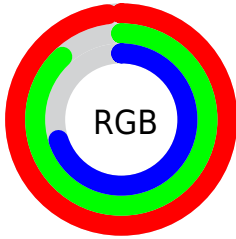
Format	Color
RYB	217, 249, 178
Decimal	16375986
CIELab	90.17, 1.86, 25.69
CIELCh	90, 25.758, 85.867
Yxy	76.6654, 0.3625, 0.3768
Android (android.graphics.Color)	4294566066 (0xFFFF9E0B2)
YUV	226.2310, -23.7779, 19.9684
Hunter-Lab	87.5588, -2.8615, 25.3822

Details

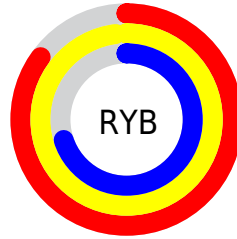
The XYZ color **73.7585, 76.6654, 53.0299** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.8145, 59.0149, 98.0195**, and the grayscale version is **72.6092, 76.3905, 83.1893**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **39.6279, 41.0631, 25.2394** is the 20% darker color. If you saturate the color by 10%, you get **69.1870, 71.1665, 40.2711**, and if you desaturate by 10%, it is **78.9093, 82.5958, 68.2223**.

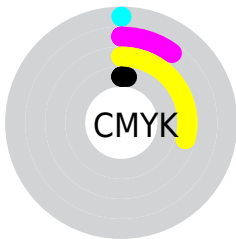
Distribution



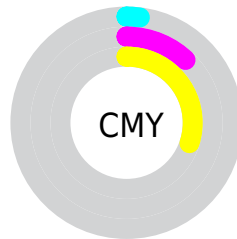
- Red (98%)
- Green (88%)
- Blue (70%)



- Red (85%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7585, 76.6654, 53.0299 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 73.7585, 76.6654, 53.0299 by changing the saturation by 10% instead.


 73.7585, 76.6654,
53.0299

 73.7585, 76.6654,
53.0299


462.7026,
483.6224, 415.4694

 54.8870, 56.9783,
37.4388


 123.5507,
128.6671, 96.0904

 39.5447, 40.9878,
25.2489


155.2022,
161.7504, 124.3967

 27.3664, 28.3096,
16.0419


191.8443,
200.0679, 157.7786

 17.9866, 18.5591,
9.3991

233.8425,
244.0041, 196.6545

 11.0400, 11.3522,
4.9021

281.5620,
293.9432, 241.4430

 6.1612, 6.3042,
2.1322

335.3683,

 2.9850, 3.0309,

350.2697, 292.5626

0.6348

395.6268,
413.3680, 350.4319

■ 1.1458, 1.1479,
0.0000

■ 0.0629, 0.0185,
0.0000

■ 73.7585, 76.6654,
53.0299

■ 73.7585, 76.6654,
53.0299

■ 69.1870, 71.1665,
40.2711

■ 78.9093, 82.5958,
68.2223

■ 65.1624, 66.0751,
29.8112

■ 84.6579, 88.9597,
85.9638

■ 61.6580, 61.3804,
21.5094

■ 91.0293, 95.7727,
106.3681

■ 58.6420, 57.0664,
15.2076

■ 92.8771, 98.8798,
108.7983

■ 56.0784, 53.1156,
10.7257

■ 53.9247, 49.5081,
7.8506

■ 52.1217, 46.2167,
6.2799

■ 51.8719, 45.7495,
6.0966

Harmonies

Analogous

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



79.9928, 76.6654, 57.5720



73.7585, 76.6654, 53.0299



67.6305, 76.6654, 55.6122

Triad

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



73.7585, 76.6654, 53.0299



62.3476, 76.6654, 99.8135



83.5351, 76.6654, 104.8513

Complementary

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



73.7585, 76.6654, 53.0299



56.8145, 59.0149, 98.0195

Split Complementary

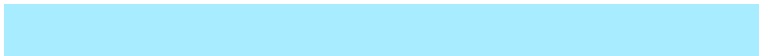
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3695, 76.6654, 119.3688



73.7585, 76.6654, 53.0299



66.1797, 76.6654, 116.1744

Square

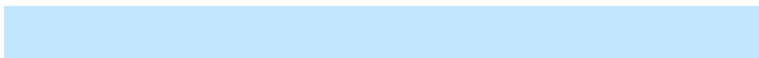
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7585, 76.6654, 53.0299



61.2716, 76.6654, 80.9617



71.9850, 76.6654, 123.7875



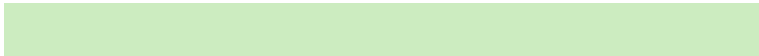
85.8427, 76.6654, 86.0410

Rectangle

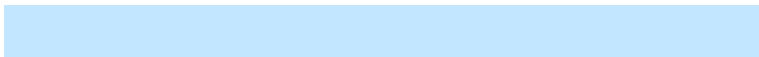
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7585, 76.6654, 53.0299



64.3887, 76.6654, 61.2633



71.9850, 76.6654, 123.7875



82.0612, 76.6654, 110.4966

Sweetspot

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



73.7605, 76.6689, 53.0315



89.0491, 93.5621, 89.7471



65.8911, 56.3427, 64.5510



18.8633, 19.8111, 18.5931



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.



73.7605, 76.6689, 53.0315



75.1202, 77.6671, 48.2245



77.6891, 89.4099, 55.2837



18.1831, 19.1022, 18.1911



27.9047, 24.7660, 3.3096



2.6840, 2.4929, 0.3397

Inverse Universe

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



56.8145, 59.0149, 98.0195



54.6448, 56.3427, 102.6029



53.6280, 49.3051, 96.3132



16.7829, 17.6426, 21.9061



11.1262, 7.6079, 48.8556



1.1260, 0.8957, 4.5567

Previews

White Background



This preview shows how the XYZ color 73.7585, 76.6654, 53.0299 looks on a white background.

Color Contrast Check

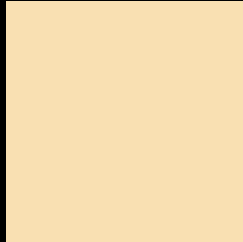
Large Text (above 18pt) WCAG AA × Fail

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 73.7585, 76.6654, 53.0299 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 73.7585, 76.6654, 53.0299

Background



This preview shows how black text looks on a background with the XYZ color 73.7585, 76.6654, 53.0299.



This preview shows how white text looks on a background with the XYZ color 73.7585, 76.6654,

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

73.7585, 76.6654, 53.0299

Protanopia

71.8814, 76.8936, 53.7012

Deuteranopia

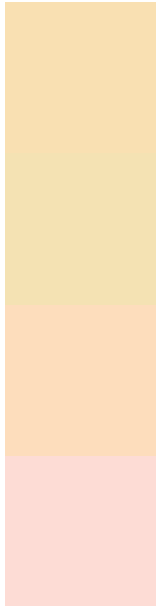
76.5708, 76.3414, 61.7386



Tritanopia

80.7608, 76.7689, 87.6521

Trichromacy



Original Color

73.7585, 76.6654, 53.0299

Protanomaly

72.6413, 76.8805, 53.6586

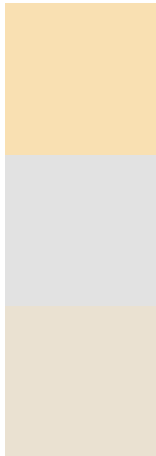
Deuteranomaly

75.4416, 76.2264, 58.3139

Tritanomaly

78.1115, 76.8731, 73.6719

Monochromacy



Original Color

73.7585, 76.6654, 53.0299

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.3655, 75.9463, 71.1666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7585, 76.6654, 53.0299 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(249, 224, 178)` looks like.

```
.text, #text, p{  
    color:rgb(249, 224, 178)  
}
```

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(249, 224, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 224, 178) }
```

Border

The CSS property to change the border of an element to XYZ 73.7585, 76.6654, 53.0299 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(249, 224, 178) }
```


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

```
.border{ border-color:rgb(249, 224, 178) }
```

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

Here you see how a box with a 4 pixel rgb(249, 224, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 224, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 224, 178);  
box-shadow:4px 4px 4px 4px rgb(249, 224,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7585, 76.6654, 53.0299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 224, 178) }
```

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

```
.background{ background-color: rgb(249,  
224, 178) }
```

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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