

Converting Colors

XYZ(73.2297, 79.2434, 53.5554)

Have a look what the booklet for
XYZ(73.2297, 79.2434, 53.5554)
contains.

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Color

**XYZ(73.2297, 79.2434,
53.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7B2
RGB	242, 231, 178
RGB Percent	95%, 91%, 70%
CMY	0.0510, 0.0941, 0.3020
CMYK	0.00, 0.05, 0.26, 0.05
HSL	50°, 71%, 82%
HSV	50°, 26%, 95%
XYZ	73.2297, 79.2434, 53.5554
YIQ	228.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

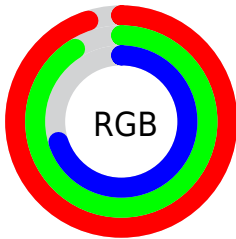
Format	Color
R_{YB}	191, 242, 178
Decimal	15919026
CIE Lab	91.34, -4.32, 27.20
CIE LCh	91, 27.543, 99.018
Yxy	79.2434, 0.3554, 0.3846
Android (android.graphics.Color)	4294109106 (0xFFFF2E7B2)
YUV	228.2470, -24.7718, 12.0614
Hunter-Lab	89.0188, -8.9430, 26.6431

Details

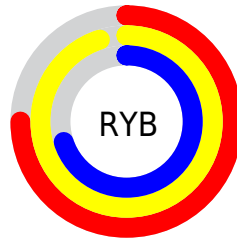
The XYZ color **73.2297, 79.2434, 53.5554** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.5844, 52.2696, 91.3221**, and the grayscale version is **74.0889, 77.9473, 84.8846**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **39.2346, 42.8456, 25.6042** is the 20% darker color. If you saturate the color by 10%, you get **69.8620, 76.0593, 41.4843**, and if you desaturate by 10%, it is **77.0578, 82.6614, 67.8965**.

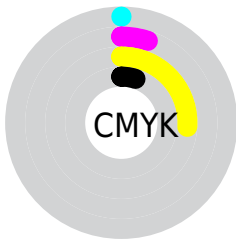
Distribution



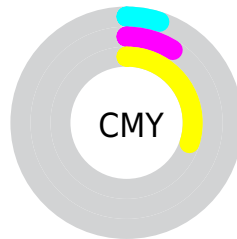
- Red (95%)
- Green (91%)
- Blue (70%)



- Red (75%)
- Yellow (95%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (26%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2297, 79.2434, 53.5554 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 73.2297, 79.2434, 53.5554 by changing the saturation by 10% instead.

73.2297, 79.2434,
53.5554

73.2297, 79.2434,
53.5554

460.9020,
492.3794, 417.5389

54.4529, 59.0960,
37.8556

122.8046,
132.3015, 96.8709

39.1959, 42.6904,
25.5697

154.3334,
165.9809, 125.3237

27.0936, 29.6422,
16.2791

190.8435,
204.9397, 158.8646

17.7805, 19.5672,
9.5654

232.7004,
249.5624, 197.9121

10.8912, 12.0808,
5.0099

280.2693,
300.2333, 242.8847

6.0605, 6.7988,
2.1943

333.9156,

2.9229, 3.3366,

357.3368, 294.2010

0.6710

394.0048,
421.2574, 352.2796

■ 1.1131, 1.3099,
0.0000

■ 0.0361, 0.1488,
0.0000

■ 73.2297, 79.2434,
53.5554

■ 73.2297, 79.2434,
53.5554

■ 69.8620, 76.0593,
41.4843

■ 77.0578, 82.6614,
67.8965

■ 66.9260, 73.0890,
31.5595

■ 81.3612, 86.3113,
84.6127

■ 64.3987, 70.3259,
23.6533

■ 86.1618, 90.2049,
103.8084

■ 62.2529, 67.7586,
17.6220

■ 88.1234, 93.0080,
107.9155

■ 60.4575, 65.3745,
13.3032

■ 89.4133, 95.5878,
108.3454

■ 58.9761, 63.1587,
10.5068

■ 90.4280, 97.6173,
108.6837

■ 57.7634, 61.0927,
8.9946

■ 57.3715, 60.3841,
8.6315

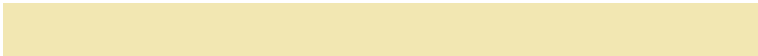
Harmonies

Analogous

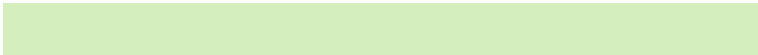
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2381, 79.2434, 55.0817



73.2297, 79.2434, 53.5554



67.1638, 79.2434, 59.6809

Triad

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



73.2297, 79.2434, 53.5554



65.3441, 79.2434, 112.8775



88.5881, 79.2434, 100.8239

Complementary

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



73.2297, 79.2434, 53.5554



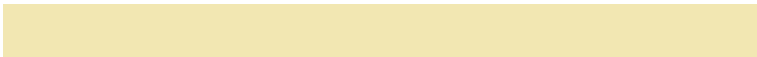
52.5844, 52.2696, 91.3221

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.



84.1078, 79.2434, 119.8053



73.2297, 79.2434, 53.5554



70.6042, 79.2434, 127.4788

Square

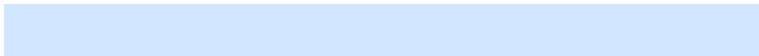
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2297, 79.2434, 53.5554



62.7999, 79.2434, 92.4628



77.4466, 79.2434, 130.1934



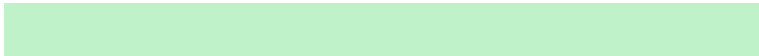
89.3990, 79.2434, 80.3841

Rectangle

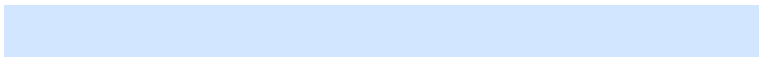
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2297, 79.2434, 53.5554



64.3654, 79.2434, 67.9335



77.4466, 79.2434, 130.1934



87.4485, 79.2434, 107.6697

Sweetspot

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



73.2317, 79.2470, 53.5571



90.8298, 96.5394, 92.1413



61.8042, 54.4250, 55.8112



19.2801, 20.5283, 19.0905



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.



73.2317, 79.2470, 53.5571



80.2716, 87.1926, 52.3375



69.8311, 82.2065, 54.3075



16.8784, 17.9699, 16.7287



30.9094, 32.6169, 4.6666



2.6316, 2.8340, 0.4083

Inverse Universe

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



52.5844, 52.2696, 91.3221



53.2313, 51.8681, 101.8137



55.3073, 50.2947, 90.7974



15.1167, 15.6676, 19.9490



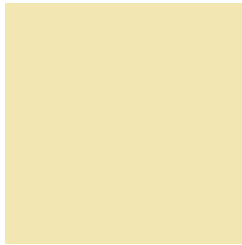
9.1141, 4.4524, 45.5069



0.8209, 0.4957, 3.8066

Previews

White Background



This preview shows how the XYZ color 73.2297, 79.2434, 53.5554 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 73.2297, 79.2434, 53.5554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

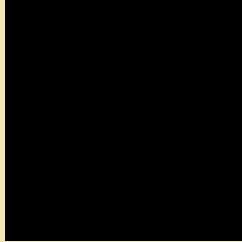
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

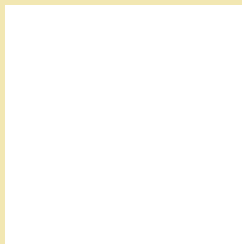
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2297, 79.2434, 53.5554

Background



This preview shows how black text looks on a background with the XYZ color 73.2297, 79.2434, 53.5554.



This preview shows how white text looks on a background with the XYZ color 73.2297, 79.2434,

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

73.2297, 79.2434, 53.5554

Protanopia

74.2387, 79.3608, 53.0003

Deuteranopia

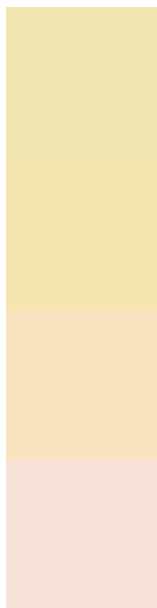
78.7078, 79.3275, 66.4217



Tritanopia

81.5402, 79.3906, 93.4644

Trichromacy



Original Color

73.2297, 79.2434, 53.5554

Protanomaly

73.8888, 79.1804, 52.9840

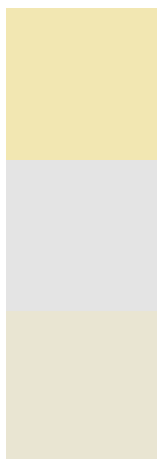
Deuteranomaly

76.5191, 79.1124, 61.6893

Tritanomaly

78.0785, 79.1766, 76.8131

Monochromacy



Original Color

73.2297, 79.2434, 53.5554

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2564, 78.0154, 72.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2297, 79.2434, 53.5554 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(242, 231, 178)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 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(242, 231, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 178) }
```

Border

The CSS property to change the border of an element to XYZ 73.2297, 79.2434, 53.5554 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(242, 231, 178) }
```


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

```
.border{ border-color:rgb(242, 231, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 231, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 178);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2297, 79.2434, 53.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 178) }
```

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

```
.background{ background-color: rgb(242,  
231, 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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