

Converting Colors

XYZ(72.4853, 79.6573, 47.0236)

Have a look what the booklet for
XYZ(72.4853, 79.6573, 47.0236)
contains.

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Color

**XYZ(72.5484, 79.8717,
47.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E9A5
RGB	242, 233, 165
RGB Percent	95%, 91%, 65%
CMY	0.0510, 0.0863, 0.3529
CMYK	0.00, 0.04, 0.32, 0.05
HSL	53°, 75%, 80%
HSV	53°, 32%, 95%
XYZ	72.5484, 79.8717, 47.1904
YIQ	227.9390, 27.1920, -19.2400

Conversions

Conversions Part 2

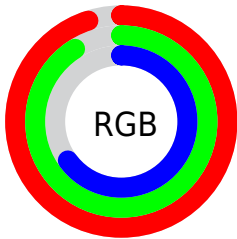
Format	Color
RYB	175, 242, 165
Decimal	15919525
CIELab	91.63, -6.96, 34.21
CIELCh	92, 34.911, 101.505
Yxy	79.8717, 0.3634, 0.4001
Android (android.graphics.Color)	4294109605 (0xFFFF2E9A5)
YUV	227.9390, -31.0289, 12.3315
Hunter-Lab	89.3710, -11.4988, 31.2529

Details

The XYZ color **72.5484, 79.8717, 47.1904** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **46.6799, 44.6810, 90.1685**, and the grayscale version is **73.9058, 77.7546, 84.6748**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **38.6544, 42.9284, 21.5779** is the 20% darker color. If you saturate the color by 10%, you get **69.7578, 77.4881, 36.4023**, and if you desaturate by 10%, it is **75.7727, 82.4550, 60.1811**.

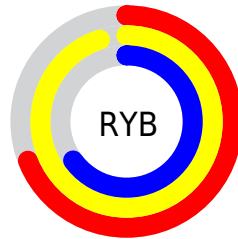
Distribution



Red (95%)

Green (91%)

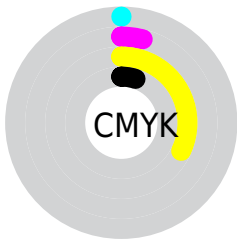
Blue (65%)



Red (69%)

Yellow (95%)

Blue (65%)

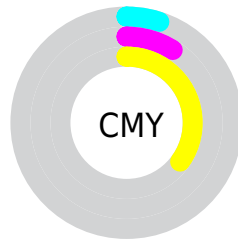


Cyan (0%)

Magenta (4%)

Yellow (32%)

Black (5%)



Cyan (5%)

Magenta (9%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5484, 79.8717, 47.1904 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 72.5484, 79.8717, 47.1904 by changing the saturation by 10% instead.

 72.5484, 79.8717,
47.1904


 72.5484, 79.8717,
47.1904


458.5762,
494.5004, 391.9898

 53.8938, 59.6128,
32.8308


 121.8425,
133.1853, 87.3507

 38.7471, 43.1066,
21.7268

 153.2127,
167.0088, 113.9885

 26.7429, 29.9688,
13.4599


189.5522,
206.1227, 145.5561

 17.5158, 19.8149,
7.6115

231.2263,
250.9112, 182.4720

 10.7005, 12.2606,
3.7632

278.6004,
301.7588, 225.1547

 5.9316, 6.9214,
1.4964

332.0399,

 2.8438, 3.4130,

359.0500, 274.0229

0.2152

391.9100,
423.1690, 329.4951

■ 1.0717, 1.3510,
0.0000

■ 0.0012, 0.1801,
0.0000

■ 72.5484, 79.8717,
47.1904

■ 72.5484, 79.8717,
47.1904

■ 69.7578, 77.4881,
36.4023

■ 75.7727, 82.4550,
60.1811

■ 67.3712, 75.2836,
27.6876

■ 79.4464, 85.2358,
75.4837

■ 65.3647, 73.2515,
20.9115

■ 83.5917, 88.2259,
93.2065

■ 63.7090, 71.3800,
15.9212

■ 87.1130, 90.9873,
107.5787

■ 62.3709, 69.6557,
12.5407

■ 87.9716, 92.7044,
107.8649

■ 61.3101, 68.0623,
10.5586

■ 88.8433, 94.4478,
108.1554

■ 60.5970, 66.8352,
9.7067

■ 89.7281, 96.2175,
108.4504

■ 90.4280, 97.6173,
108.6837

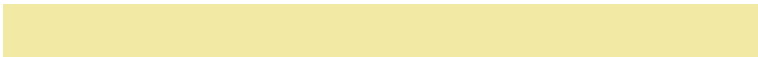
Harmonies

Analogous

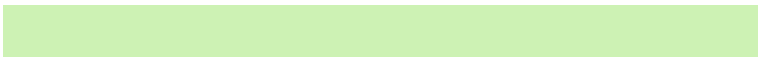
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4835, 79.8717, 48.2285



72.5484, 79.8717, 47.1904



65.1150, 79.8717, 55.1430

Triad

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



72.5484, 79.8717, 47.1904



63.7900, 79.8717, 123.7181



93.3570, 79.8717, 103.4857

Complementary

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



72.5484, 79.8717, 47.1904



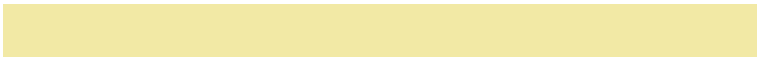
46.6799, 44.6810, 90.1685

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.



87.8492, 79.8717, 129.1491



72.5484, 79.8717, 47.1904



70.6074, 79.8717, 142.3156

Square

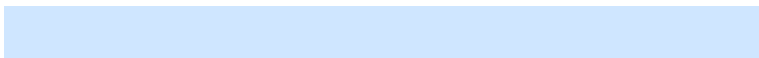
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5484, 79.8717, 47.1904



60.3290, 79.8717, 97.1284



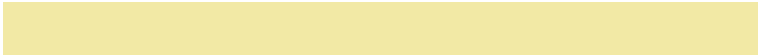
79.3855, 79.8717, 144.4777



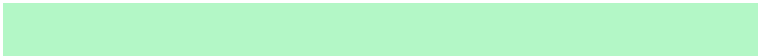
93.9793, 79.8717, 77.5397

Rectangle

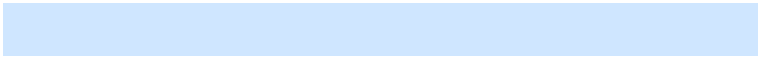
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5484, 79.8717, 47.1904



61.8272, 79.8717, 65.5879



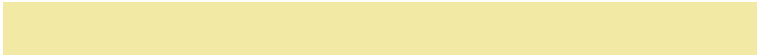
79.3855, 79.8717, 144.4777



91.9965, 79.8717, 112.5494

Sweetspot

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



72.5504, 79.8753, 47.1921



90.2699, 96.5794, 88.3792



57.8378, 48.8941, 47.0850



19.1870, 20.5732, 18.3474



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

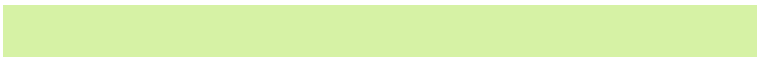
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5504, 79.8753, 47.1921



79.6751, 88.2418, 45.2260



66.2077, 80.4822, 47.6435



16.9561, 18.1253, 16.7546



32.6190, 36.0360, 5.2364



2.7578, 3.0863, 0.4504

Inverse Universe

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



46.6799, 44.6810, 90.1685



46.4362, 43.0312, 100.4661



51.5348, 44.6903, 89.9144



15.0459, 15.5260, 19.9254



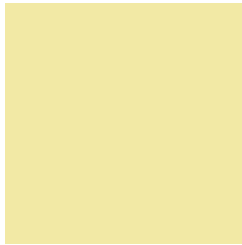
8.8863, 3.9968, 45.4310



0.7874, 0.4288, 3.7955

Previews

White Background



This preview shows how the XYZ color 72.5484, 79.8717, 47.1904 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 72.5484, 79.8717, 47.1904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

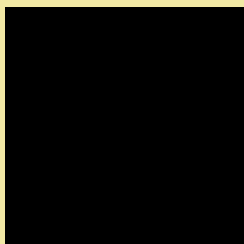
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

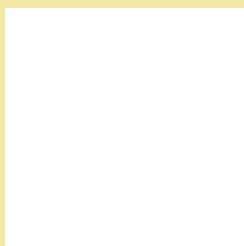
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5484, 79.8717, 47.1904

Background



This preview shows how black text looks on a background with the XYZ color 72.5484, 79.8717, 47.1904.



This preview shows how white text looks on a background with the XYZ color 72.5484, 79.8717,

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

72.5484, 79.8717, 47.1904

Protanopia

74.3437, 79.9719, 46.6397

Deuteranopia

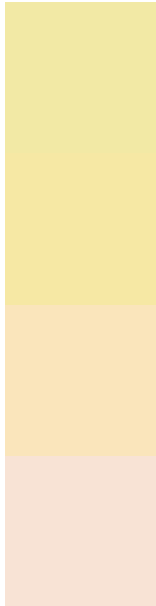
78.8617, 79.8228, 65.8945



Tritanopia

82.0485, 79.6355, 94.2658

Trichromacy



Original Color

72.5484, 79.8717, 47.1904

Protanomaly

73.5635, 79.9864, 46.6837

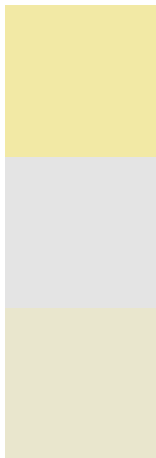
Deuteranomaly

76.4133, 79.9505, 58.4183

Tritanomaly

78.1907, 79.6987, 74.2131

Monochromacy



Original Color

72.5484, 79.8717, 47.1904

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.9205, 78.3250, 69.0325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5484, 79.8717, 47.1904 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, 233, 165)` looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 165)  
}
```

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, 233, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 165) }
```

Border

The CSS property to change the border of an element to XYZ 72.5484, 79.8717, 47.1904 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, 233, 165) }
```


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

```
.border{ border-color:rgb(242, 233, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 165);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5484, 79.8717, 47.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 165) }
```

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

```
.background{ background-color: rgb(242,  
233, 165) }
```

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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