

Converting Colors

XYZ(72.6427, 80.2515, 54.6334)

Have a look what the booklet for
XYZ(72.6427, 80.2515, 54.6334)
contains.

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Color

**XYZ(72.5861, 80.1454,
54.8239)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEAB4
RGB	237, 234, 180
RGB Percent	93%, 92%, 71%
CMY	0.0706, 0.0823, 0.2941
CMYK	0.00, 0.01, 0.24, 0.07
HSL	57°, 61%, 82%
HSV	57°, 24%, 93%
XYZ	72.5861, 80.1454, 54.8239
YIQ	228.7410, 19.1220, -16.1580

Conversions

Conversions Part 2

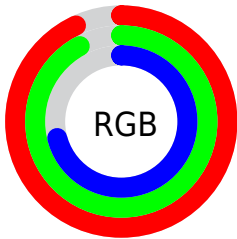
Format	Color
RYB	183, 237, 180
Decimal	15592116
CIELab	91.75, -7.41, 26.67
CIELCh	92, 27.676, 105.536
Yxy	80.1454, 0.3497, 0.3861
Android (android.graphics.Color)	4293782196 (0xFFEDEAB4)
YUV	228.7410, -24.0293, 7.2431
Hunter-Lab	89.5240, -11.9390, 26.3580

Details

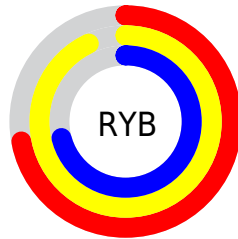
The XYZ color **72.5861, 80.1454, 54.8239** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.0418, 49.6836, 87.0209**, and the grayscale version is **74.4487, 78.3258, 85.2968**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **38.8072, 43.1969, 26.3711** is the 20% darker color. If you saturate the color by 10%, you get **70.0228, 78.5576, 43.0593**, and if you desaturate by 10%, it is **75.5689, 81.9105, 68.7670**.

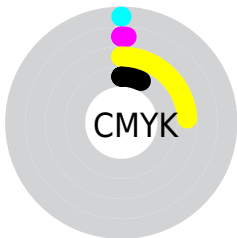
Distribution



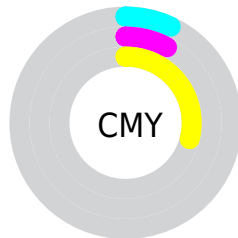
- Red (93%)
- Green (92%)
- Blue (71%)



- Red (72%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5861, 80.1454, 54.8239 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 72.5861, 80.1454, 54.8239 by changing the saturation by 10% instead.

72.5861, 80.1454,
54.8239

72.5861, 80.1454,
54.8239

458.7051,
495.4227, 422.5072

53.9248, 59.8380,
38.8631

121.8957,
133.5701, 98.7515

38.7719, 43.2881,
26.3462

153.2748,
167.4563, 127.5553

26.7623, 30.1112,
16.8548

189.6237,
206.6375, 161.4772

17.5304, 19.9230,
9.9701

231.3080,
251.4981, 200.9358

10.7110, 12.3391,
5.2738

278.6929,
302.4225, 246.3495

5.9387, 6.9751,
2.3473

332.1438,

2.8482, 3.4465,

359.7951, 298.1370

0.7575

392.0261,
424.0004, 356.7167

■ 1.0740, 1.3690,
0.0000

■ 0.0032, 0.1937,
0.0000

■ 72.5861, 80.1454,
54.8239

■ 72.5861, 80.1454,
54.8239

■ 70.0228, 78.5576,
43.0593

■ 75.5689, 81.9105,
68.7670

■ 67.8518, 77.1279,
33.3574

■ 78.9845, 83.8500,
84.9861

■ 66.0524, 75.8508,
25.5997

■ 82.8533, 85.9748,
103.5792

■ 64.5992, 74.7162,
19.6533

■ 83.8379, 86.9498,
106.9720

63.4640, 73.7127,
15.3691

84.2037, 87.6814,
107.0939

62.6139, 72.8272,
12.5739

84.5720, 88.4181,
107.2167

62.0087, 72.0437,
11.0567

84.9428, 89.1597,
107.3403

61.7286, 71.6113,
10.5689

85.3162, 89.9065,
107.4648

85.6921, 90.6582,
107.5901

Harmonies

Analogous

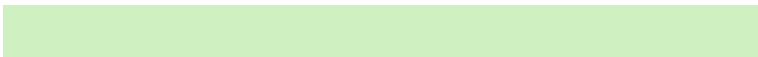
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6280, 80.1454, 54.6854



72.5861, 80.1454, 54.8239



66.8641, 80.1454, 62.6976

Triad

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



72.5861, 80.1454, 54.8239



67.0295, 80.1454, 118.1642



90.1378, 80.1454, 97.3729

Complementary

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



72.5861, 80.1454, 54.8239



51.0418, 49.6836, 87.0209

Split Complementary

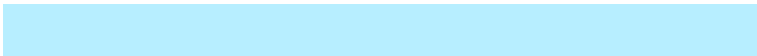
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3142, 80.1454, 117.5333



72.5861, 80.1454, 54.8239



72.8248, 80.1454, 130.7397

Square

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



72.5861, 80.1454, 54.8239



63.7941, 80.1454, 98.1336



79.8819, 80.1454, 130.4924



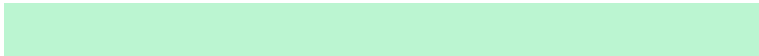
90.0640, 80.1454, 77.2295

Rectangle

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



72.5861, 80.1454, 54.8239



64.4404, 80.1454, 72.0896



79.8819, 80.1454, 130.4924



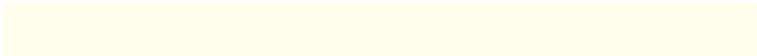
89.2558, 80.1454, 104.4327

Sweetspot

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



72.5882, 80.1490, 54.8256



92.0095, 98.3063, 94.3613



59.8779, 54.1004, 52.5251



19.6403, 21.0114, 19.9427



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.



72.5882, 80.1490, 54.8256



84.1186, 93.6643, 57.3885



65.7611, 77.9060, 54.7525



16.2802, 17.4834, 16.0353



33.7325, 39.1591, 5.7806



2.6696, 3.1166, 0.4609

Inverse Universe

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



51.0418, 49.6836, 87.0209



54.4532, 51.7207, 101.7208



56.7024, 51.6945, 87.1107



14.2947, 14.6758, 19.0016



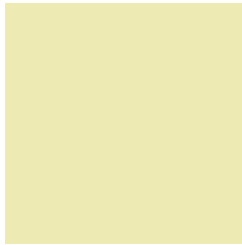
8.4489, 3.5447, 43.9819



0.6859, 0.3232, 3.4611

Previews

White Background



This preview shows how the XYZ color 72.5861, 80.1454, 54.8239 looks on a white background.

Color Contrast Check

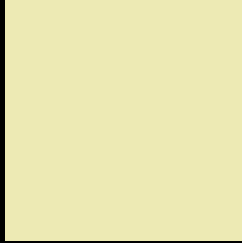
Large Text (above 18pt) WCAG AA × Fail

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 72.5861, 80.1454, 54.8239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

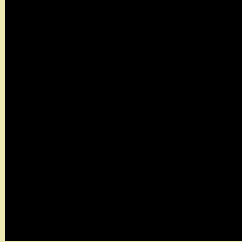
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5861, 80.1454, 54.8239

Background



This preview shows how black text looks on a background with the XYZ color 72.5861, 80.1454, 54.8239.



This preview shows how white text looks on a background with the XYZ color 72.5861, 80.1454,

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

72.5861, 80.1454, 54.8239

Protanopia

75.0704, 80.1807, 54.1676

Deuteranopia

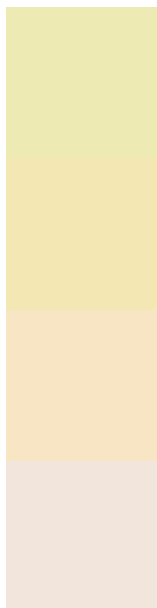
79.3354, 80.0123, 68.3892



Tritanopia

81.0302, 80.2763, 96.0181

Trichromacy



Original Color

72.5861, 80.1454, 54.8239

Protanomaly

73.9554, 80.0226, 54.1959

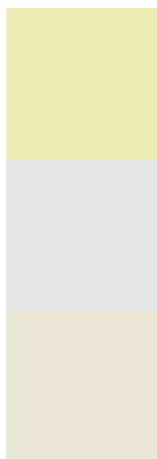
Deuteranomaly

76.5810, 79.9352, 63.0225

Tritanomaly

77.5555, 80.0832, 79.0801

Monochromacy



Original Color

72.5861, 80.1454, 54.8239

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.6125, 79.0108, 72.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5861, 80.1454, 54.8239 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(237, 234, 180)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 180)  
}
```

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(237, 234, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 180) }
```

Border

The CSS property to change the border of an element to XYZ 72.5861, 80.1454, 54.8239 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(237, 234, 180) }
```


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

```
.border{ border-color:rgb(237, 234, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 180);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5861, 80.1454, 54.8239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 180) }
```

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

```
.background{ background-color: rgb(237,  
234, 180) }
```

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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