

Converting Colors

XYZ(73.1841, 83.2513, 61.5031)

Have a look what the booklet for
XYZ(73.1841, 83.2513, 61.5031)
contains.

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Color

**XYZ(73.1724, 83.3302,
61.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F1BF
RGB	229, 241, 191
RGB Percent	90%, 95%, 75%
CMY	0.1020, 0.0549, 0.2510
CMYK	0.05, 0.00, 0.21, 0.05
HSL	74°, 64%, 85%
HSV	74°, 21%, 95%
XYZ	73.1724, 83.3302, 61.5180
YIQ	231.7120, 8.8980, -18.0940

Conversions

Conversions Part 2

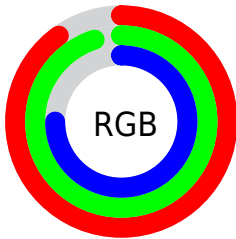
Format	Color
RYB	191, 241, 203
Decimal	15069631
CIELab	93.16, -12.26, 22.87
CIElCh	93, 25.944, 118.196
Yxy	83.3302, 0.3356, 0.3822
Android (android.graphics.Color)	4293259711 (0xFFE5F1BF)
YUV	231.7120, -20.0710, -2.3784
Hunter-Lab	91.2854, -16.6676, 23.9437

Details

The XYZ color **73.1724, 83.3302, 61.5180** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.1399, 56.3113, 90.9758**, and the grayscale version is **76.6289, 80.6196, 87.7948**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **39.0979, 45.3883, 30.3671** is the 20% darker color. If you saturate the color by 10%, you get **68.9206, 81.4225, 48.5951**, and if you desaturate by 10%, it is **77.9266, 85.4515, 76.7458**.

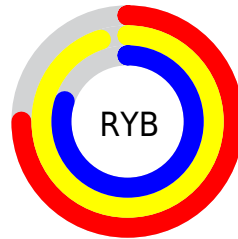
Distribution



Red (90%)

Green (95%)

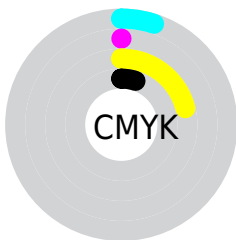
Blue (75%)



Red (75%)

Yellow (95%)

Blue (80%)

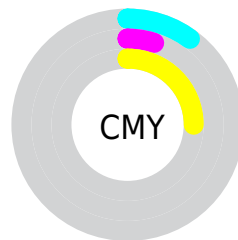


Cyan (5%)

Magenta (0%)

Yellow (21%)

Black (5%)



Cyan (10%)


Magenta (5%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1724, 83.3302, 61.5180 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 73.1724, 83.3302, 61.5180 by changing the saturation by 10% instead.


 73.1724, 83.3302,
61.5180

 73.1724, 83.3302,
61.5180


460.7066,
506.0863, 448.1298

 54.4058, 62.4626,
44.2101

 122.7237,
138.0378, 108.5934

 39.1582, 45.4066,
30.4973


154.2392,
172.6467, 139.1980

 27.0641, 31.7778,
19.9611


190.7350,
212.6047, 175.0719

 17.7582, 21.1918,
12.1830

232.5765,
258.2962, 216.6336

 10.8751, 13.2643,
6.7444

280.1291,
310.1058, 264.3017

 6.0496, 7.6108,
3.2267

333.7581,

 2.9162, 3.8469,

368.4178, 318.4948

1.2115

393.8288,
433.6165, 379.6313

■ 1.1096, 1.5883,
0.0000

■ 0.0331, 0.3497,
0.0000

■ 73.1724, 83.3302,
61.5180

■ 73.1724, 83.3302,
61.5180

■ 68.9206, 81.4225,
48.5951

■ 77.9266, 85.4515,
76.7458

■ 65.1427, 79.7087,
37.8595

■ 83.1971, 87.7838,
94.3779

■ 61.8172, 78.1827,
29.1912

■ 87.6392, 89.7919,
107.3202

■ 58.9182, 76.8343,
22.4565

■ 89.7045, 90.8566,
107.4169

■ 56.4165, 75.6516,
17.5061

■ 90.7470, 91.3940,
107.4657

■ 54.2792, 74.6214,
14.1687

■ 52.4667, 73.7278,
12.2398

■ 51.0199, 72.9991,
11.4012

Harmonies

Analogous

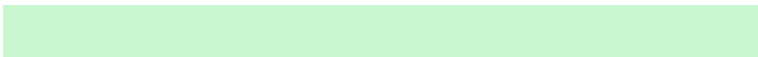
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6160, 83.3302, 58.1591



73.1724, 83.3302, 61.5180



68.5821, 83.3302, 72.3597

Triad

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



73.1724, 83.3302, 61.5180



72.4969, 83.3302, 126.5021



93.0328, 83.3302, 91.9188

Complementary

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



73.1724, 83.3302, 61.5180



59.1399, 56.3113, 90.9758

Split Complementary

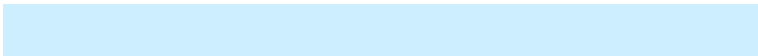
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8672, 83.3302, 111.9783



73.1724, 83.3302, 61.5180



78.7911, 83.3302, 133.6401

Square

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



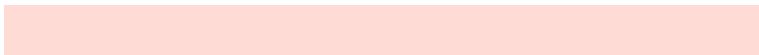
73.1724, 83.3302, 61.5180



68.2080, 83.3302, 109.6408



85.5559, 83.3302, 127.9820



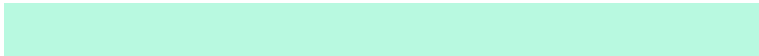
91.3199, 83.3302, 74.1334

Rectangle

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



73.1724, 83.3302, 61.5180



67.0581, 83.3302, 83.2712



85.5559, 83.3302, 127.9820



92.7320, 83.3302, 98.6265

Sweetspot

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



73.1746, 83.3339, 61.5198



91.3451, 98.3634, 96.3762



66.9598, 65.0195, 58.3123



19.4681, 21.0169, 20.3498



0.0000, 0.0000, 0.0000



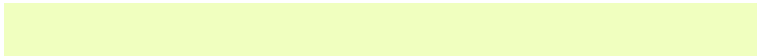
20.3446, 21.4041, 23.3091

Same Dimension

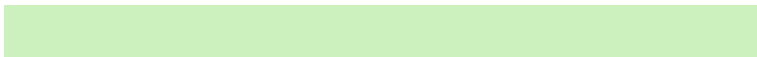
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1746, 83.3339, 61.5198



81.0232, 93.7645, 63.2626



65.8554, 79.5607, 61.1773



16.7305, 18.2567, 16.7918



27.7922, 39.6489, 6.1882



2.3999, 3.3437, 0.5189

Inverse Universe

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



59.1399, 56.3113, 90.9758



62.3434, 57.7922, 102.4769



66.4001, 60.0541, 91.3156



15.2526, 15.4119, 19.8925



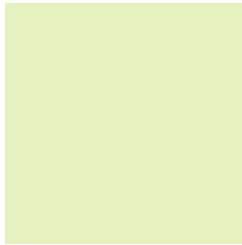
9.6520, 3.9812, 45.3876



0.8892, 0.3757, 3.7799

Previews

White Background



This preview shows how the XYZ color 73.1724, 83.3302, 61.5180 looks on a white background.

Color Contrast Check

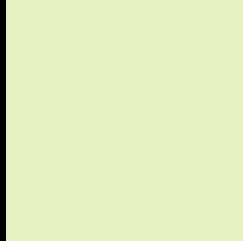
Large Text (above 18pt) WCAG AA × Fail

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 73.1724, 83.3302, 61.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

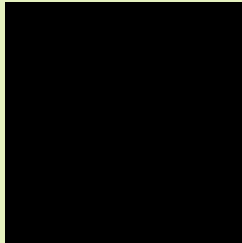
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

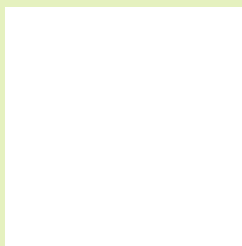
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1724, 83.3302, 61.5180

Background



This preview shows how black text looks on a background with the XYZ color 73.1724, 83.3302, 61.5180.



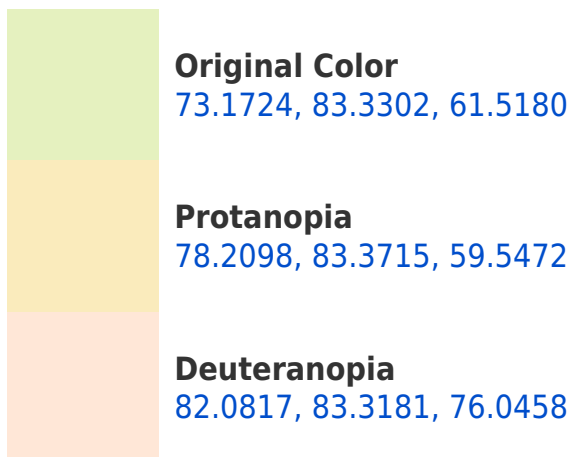
This preview shows how white text looks on a background with the XYZ color 73.1724, 83.3302,

61.5180.

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

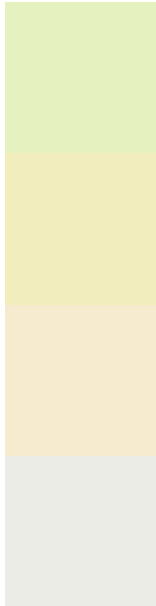




Tritanopia

81.4766, 83.2474, 103.0409

Trichromacy



Original Color

73.1724, 83.3302, 61.5180

Protanomaly

76.0874, 83.1197, 60.1776

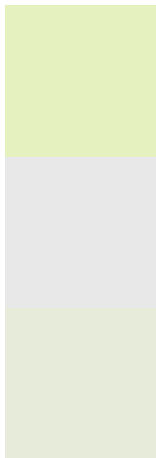
Deuteranomaly

78.8549, 83.4657, 70.3469

Tritanomaly

78.0700, 83.1405, 86.0617

Monochromacy



Original Color

73.1724, 83.3302, 61.5180

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.1877, 81.4153, 77.3976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1724, 83.3302, 61.5180 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(229, 241, 191)` looks like.

```
.text, #text, p{  
    color:rgb(229, 241, 191)  
}
```

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(229, 241, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 241, 191) }
```

Border

The CSS property to change the border of an element to XYZ 73.1724, 83.3302, 61.5180 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(229, 241, 191) }
```


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

```
.border{ border-color:rgb(229, 241, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 241, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 241, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 241, 191);  
box-shadow:4px 4px 4px 4px rgb(229, 241,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1724, 83.3302, 61.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 241, 191) }
```

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

```
.background{ background-color: rgb(229,  
241, 191) }
```

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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