

Converting Colors

XYZ(76.5302, 83.7863, 61.3766)

Have a look what the booklet for
XYZ(76.5302, 83.7863, 61.3766)
contains.

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Color

**XYZ(76.5965, 83.7879,
61.4258)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EEBF
RGB	242, 238, 191
RGB Percent	95%, 93%, 75%
CMY	0.0510, 0.0666, 0.2510
CMYK	0.00, 0.02, 0.21, 0.05
HSL	55°, 66%, 85%
HSV	55°, 21%, 95%
XYZ	76.5965, 83.7879, 61.4258
YIQ	233.8380, 17.4710, -13.7690

Conversions

Conversions Part 2

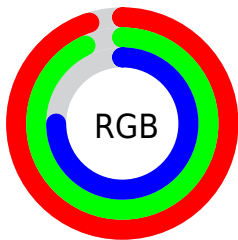
Format	Color
R_{YB}	195, 242, 191
Decimal	15920831
CIE _{Lab}	93.36, -6.08, 23.29
CIE _{LCh}	93, 24.072, 104.627
Yxy	83.7879, 0.3453, 0.3777
Android (android.graphics.Color)	4294110911 (0xFFFF2EEBF)
YUV	233.8380, -21.1191, 7.1581
Hunter-Lab	91.5357, -10.8199, 24.2880

Details

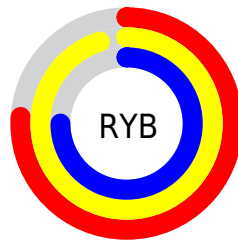
The XYZ color **76.5965, 83.7879, 61.4258** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.0279, 56.5162, 91.9080**, and the grayscale version is **78.2315, 82.3056, 89.6309**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **41.2509, 45.5763, 30.2899** is the 20% darker color. If you saturate the color by 10%, you get **73.6022, 81.7146, 48.3565**, and if you desaturate by 10%, it is **80.0411, 86.0563, 76.8181**.

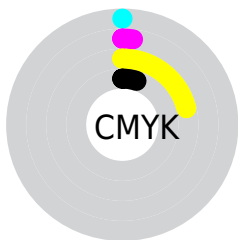
Distribution



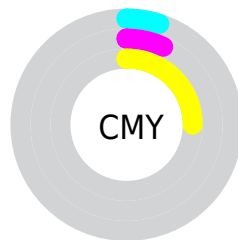
- Red (95%)
- Green (93%)
- Blue (75%)



- Red (76%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5965, 83.7879, 61.4258 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 76.5965, 83.7879, 61.4258 by changing the saturation by 10% instead.


 76.5965, 83.7879,
61.4258

 76.5965, 83.7879,
61.4258


472.3002,
507.6086, 447.7832

 57.2205, 62.8403,
44.1361


 127.5456,
138.6784, 108.4587

 41.4232, 45.7121,
30.4395


159.8495,
173.3902, 139.0391

 28.8390, 32.0187,
19.9176

197.1933,
213.4588, 174.8867

 19.1027, 21.3758,
12.1517

239.9426,
259.2687, 216.4202

 11.8490, 13.3989,
6.7233

288.4625,
311.2042, 264.0580

 6.7124, 7.7038,
3.2138

343.1185,

 3.3276, 3.9060,

369.6498, 318.2188

1.2048

404.2760,
434.9898, 379.3210

■ 1.3293, 1.6211,
0.0000

■ 0.2050, 0.3718,
0.0000

■ 76.5965, 83.7879,
61.4258

■ 76.5965, 83.7879,
61.4258

■ 73.6022, 81.7146,
48.3565

■ 80.0411, 86.0563,
76.8181

■ 71.0300, 79.8165,
37.4912

■ 83.9495, 88.5168,
94.6340

■ 68.8587, 78.0881,
28.7082

■ 86.9265, 90.6140,
107.5165

■ 67.0625, 76.5189,
21.8722

■ 87.4989, 91.7588,
107.7073

■ 65.6126, 75.0974,
16.8317

■ 88.0772, 92.9153,
107.9000

■ 64.4761, 73.8104,
13.4129

■ 88.6614, 94.0837,
108.0948

■ 63.6133, 72.6420,
11.4076

■ 89.2514, 95.2638,
108.2914

■ 63.0179, 71.6767,
10.5136

■ 89.8474, 96.4558,
108.4901

■ 90.4282, 97.6174,
108.6837

Harmonies

Analogous

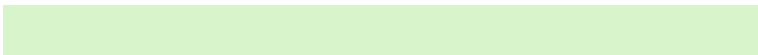
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9164, 83.7879, 61.5164



76.5965, 83.7879, 61.4258



71.3708, 83.7879, 68.5538

Triad

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



76.5965, 83.7879, 61.4258



71.2664, 83.7879, 118.0443



91.9908, 83.7879, 100.8111

Complementary

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



76.5965, 83.7879, 61.4258



57.0279, 56.5162, 91.9080

Split Complementary

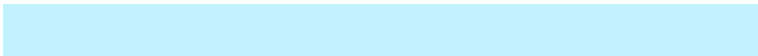
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5199, 83.7879, 118.4269



76.5965, 83.7879, 61.4258



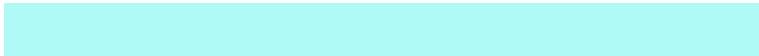
76.4470, 83.7879, 129.2402

Square

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



76.5965, 83.7879, 61.4258



68.4063, 83.7879, 100.3419



82.7587, 83.7879, 129.3888



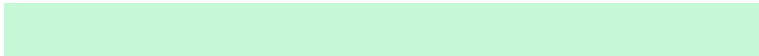
92.0361, 83.7879, 82.6886

Rectangle

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



76.5965, 83.7879, 61.4258



69.1149, 83.7879, 77.0619



82.7587, 83.7879, 129.3888



91.1781, 83.7879, 107.0379

Sweetspot

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



76.5987, 83.7916, 61.4276



92.3025, 98.2912, 96.3118



65.1283, 60.0914, 59.9454



19.6950, 20.9996, 20.3345



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.



76.5987, 83.7916, 61.4276



84.8591, 93.4078, 62.9915



70.8997, 82.5995, 61.4979



17.0108, 18.2347, 16.7728



33.9001, 38.5983, 5.6635



2.8514, 3.2734, 0.4816

Inverse Universe

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



57.0279, 56.5162, 91.9080



59.3937, 57.9186, 102.6568



61.8823, 57.7078, 91.8822



14.9967, 15.4276, 19.9090



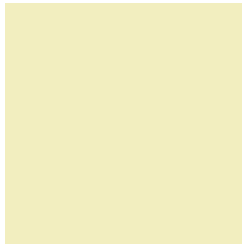
8.7721, 3.7684, 45.3929



0.7640, 0.3819, 3.7877

Previews

White Background



This preview shows how the XYZ color 76.5965, 83.7879, 61.4258 looks on a white background.

Color Contrast Check

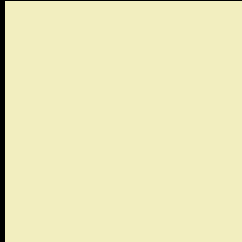
Large Text (above 18pt) WCAG AA × Fail

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 76.5965, 83.7879, 61.4258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

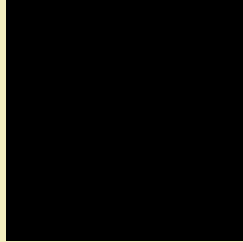
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

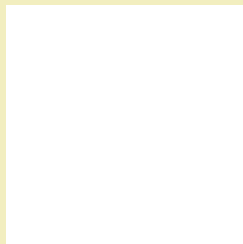
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5965, 83.7879, 61.4258

Background



This preview shows how black text looks on a background with the XYZ color 76.5965, 83.7879, 61.4258.



This preview shows how white text looks on a background with the XYZ color 76.5965, 83.7879, 61.4258.

61.4258.

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

76.5965, 83.7879, 61.4258

Protanopia

78.4269, 83.4584, 60.6907

Deuteranopia

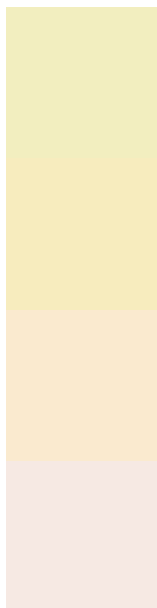
82.2106, 83.3697, 76.7247



Tritanopia

84.3070, 83.5107, 100.4827

Trichromacy



Original Color

76.5965, 83.7879, 61.4258

Protanomaly

77.6475, 83.4828, 60.7365

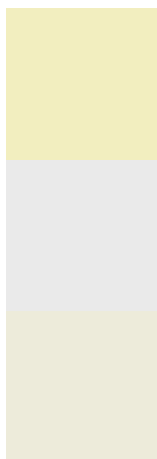
Deuteranomaly

80.1096, 83.6746, 70.9601

Tritanomaly

81.0101, 83.4167, 84.5044

Monochromacy



Original Color

76.5965, 83.7879, 61.4258

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2883, 82.4831, 78.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5965, 83.7879, 61.4258 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, 238, 191)` looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 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(242, 238, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 191) }
```

Border

The CSS property to change the border of an element to XYZ 76.5965, 83.7879, 61.4258 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, 238, 191) }
```


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

```
.border{ border-color:rgb(242, 238, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 238, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 238, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 238, 191);  
box-shadow:4px 4px 4px 4px rgb(242, 238,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5965, 83.7879, 61.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 191) }
```

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

```
.background{ background-color: rgb(242,  
238, 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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