

Converting Colors

XYZ(76.8553, 85.3397, 65.3446)

Have a look what the booklet for
XYZ(76.8553, 85.3397, 65.3446)
contains.

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Color

**XYZ(76.7932, 85.1190,
65.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF1C5
RGB	238, 241, 197
RGB Percent	93%, 95%, 77%
CMY	0.0667, 0.0549, 0.2274
CMYK	0.01, 0.00, 0.18, 0.05
HSL	64°, 61%, 86%
HSV	64°, 18%, 95%
XYZ	76.7932, 85.1190, 65.2055
YIQ	235.0870, 12.3360, -14.3200

Conversions

Conversions Part 2

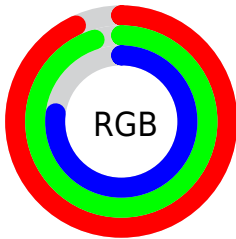
Format	Color
RYB	197, 241, 200
Decimal	15659461
CIELab	93.93, -8.16, 20.96
CIELCh	94, 22.496, 111.278
Yxy	85.1190, 0.3381, 0.3748
Android (android.graphics.Color)	4293849541 (0xFFEEF1C5)
YUV	235.0870, -18.7769, 2.5547
Hunter-Lab	92.2600, -12.8792, 22.6783

Details

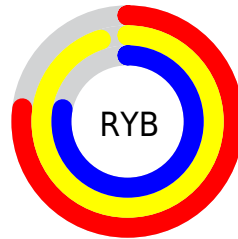
The XYZ color **76.7932, 85.1190, 65.2055** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.6663, 58.5651, 91.3833**, and the grayscale version is **79.1657, 83.2885, 90.7012**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **41.5983, 46.6262, 32.7939** is the 20% darker color. If you saturate the color by 10%, you get **73.7002, 83.8211, 51.7798**, and if you desaturate by 10%, it is **80.3373, 86.6036, 80.9603**.

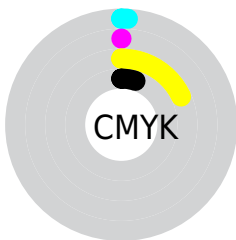
Distribution



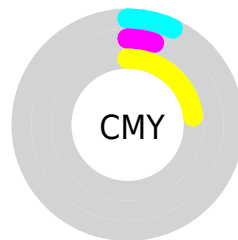
- Red (93%)
- Green (95%)
- Blue (77%)



- Red (77%)
- Yellow (95%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7932, 85.1190, 65.2055 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 76.7932, 85.1190, 65.2055 by changing the saturation by 10% instead.

76.7932, 85.1190,
65.2055

76.7932, 85.1190,
65.2055

472.9614,
512.0218, 461.8565

57.3825, 63.9397,
47.1753

127.8219,
140.5394, 113.9614

41.5537, 46.6018,
32.8189

160.1706,
175.5494, 145.5241

28.9416, 32.7210,
21.7178

197.5627,
215.9383, 182.4348

19.1807, 21.9128,
13.4534

240.3636,
262.0906, 225.1120

11.9057, 13.7928,
7.6071

288.9385,
314.3907, 273.9743

6.7512, 7.9767,
3.7604

343.6529,

3.3520, 4.0801,

373.2230, 329.4400

1.4949

404.8721,
438.9719, 391.9279

■ 1.3425, 1.7184,
0.2141

■ 0.2147, 0.4356,
0.0000

■ 76.7932, 85.1190,
65.2055

■ 76.7932, 85.1190,
65.2055

■ 73.7002, 83.8211,
51.7798

■ 80.3373, 86.6036,
80.9603

■ 71.0307, 82.6903,
40.5676


■ 84.3453, 88.2716,
99.1416

■ 68.7642, 81.7213,
31.4513


■ 86.4482, 89.1781,
107.2645


■ 66.8759, 80.9042,
24.3006


■ 87.0187, 89.4722,
107.2912


 65.3383, 80.2279,
18.9706


 87.5943, 89.7689,
107.3182


 64.1201, 79.6800,
15.2963


 88.1751, 90.0683,
107.3453


 63.1842, 79.2455,
13.0831

 88.7610, 90.3703,
107.3728

 62.4788, 78.9039,
12.0575

 89.3520, 90.6750,
107.4004

 62.3666, 78.8487,
11.9322

 89.9482, 90.9823,
107.4283

Harmonies

Analogous

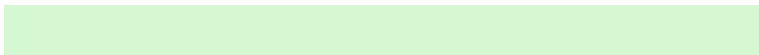
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6629, 85.1190, 63.7390



76.7932, 85.1190, 65.2055



72.2421, 85.1190, 73.5321

Triad

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



76.7932, 85.1190, 65.2055



73.9072, 85.1190, 120.8838



92.8352, 85.1190, 97.7747

Complementary

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



76.7932, 85.1190, 65.2055



59.6663, 58.5651, 91.3833

Split Complementary

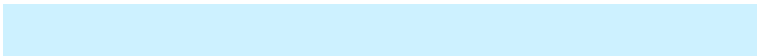
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2299, 85.1190, 114.8932



76.7932, 85.1190, 65.2055



79.1684, 85.1190, 129.2744

Square

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



76.7932, 85.1190, 65.2055



70.6340, 85.1190, 105.1788



85.1570, 85.1190, 126.9564



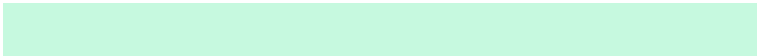
92.1221, 85.1190, 81.2131

Rectangle

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



76.7932, 85.1190, 65.2055



70.4735, 85.1190, 82.4865



85.1570, 85.1190, 126.9564



92.3139, 85.1190, 103.6808

Sweetspot

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



76.7954, 85.1228, 65.2073



92.7449, 99.0410, 98.4301



66.9954, 64.0119, 61.6490



19.7842, 21.1709, 20.7653



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

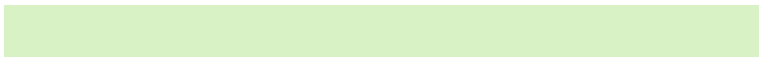
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7954, 85.1228, 65.2073



85.9015, 96.1794, 68.0090



69.8751, 81.5552, 64.8835



17.0101, 18.4009, 16.8049



33.8650, 42.7796, 6.4724



2.8490, 3.5753, 0.5399

Inverse Universe

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



59.6663, 58.5651, 91.3833



63.0061, 60.6797, 102.9993



65.9499, 61.8044, 91.6774



14.9972, 15.2803, 19.8806



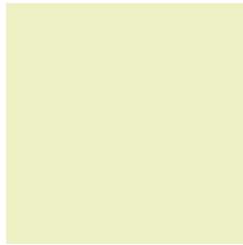
8.7691, 3.5261, 45.3463



0.7642, 0.3112, 3.7740

Previews

White Background



This preview shows how the XYZ color 76.7932, 85.1190, 65.2055 looks on a white background.

Color Contrast Check

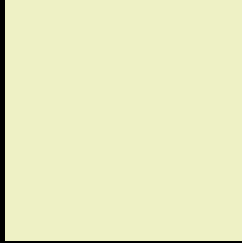
Large Text (above 18pt) WCAG AA × Fail

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 76.7932, 85.1190, 65.2055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

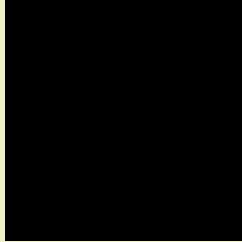
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

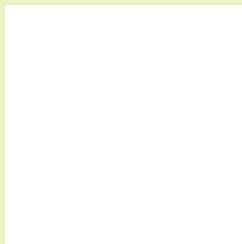
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7932, 85.1190, 65.2055

Background



This preview shows how black text looks on a background with the XYZ color 76.7932, 85.1190, 65.2055.

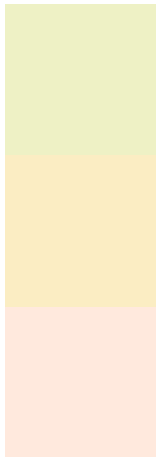


This preview shows how white text looks on a background with the XYZ color 76.7932, 85.1190,

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

76.7932, 85.1190, 65.2055

Protanopia

79.9182, 85.0177, 63.8277

Deuteranopia

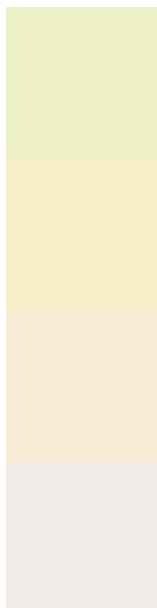
83.4301, 84.7583, 80.3694



Tritanopia

84.3658, 84.7186, 104.0012

Trichromacy



Original Color

76.7932, 85.1190, 65.2055

Protanomaly

78.5444, 84.7274, 64.4388

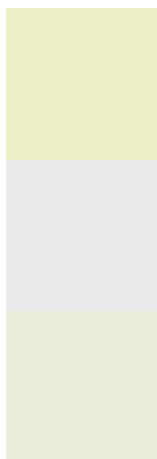
Deuteranomaly

80.9460, 84.8841, 74.4053

Tritanomaly

81.1789, 84.6943, 88.4130

Monochromacy



Original Color

76.7932, 85.1190, 65.2055

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9274, 83.6217, 80.4400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7932, 85.1190, 65.2055 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(238, 241, 197)` looks like.

```
.text, #text, p{  
    color:rgb(238, 241, 197)  
}
```

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(238, 241, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 241, 197) }
```

Border

The CSS property to change the border of an element to XYZ 76.7932, 85.1190, 65.2055 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(238, 241, 197) }
```


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

```
.border{ border-color:rgb(238, 241, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 241, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 241, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 241, 197);  
box-shadow:4px 4px 4px 4px rgb(238, 241,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7932, 85.1190, 65.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 241, 197) }
```

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

```
.background{ background-color: rgb(238,  
241, 197) }
```

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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