

Converting Colors

XYZ(77.6635, 85.9195, 63.1278)

Have a look what the booklet for
XYZ(77.6635, 85.9195, 63.1278)
contains.

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Color

**XYZ(77.6534, 86.0553,
62.9696)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F2C1
RGB	241, 242, 193
RGB Percent	95%, 95%, 76%
CMY	0.0549, 0.0510, 0.2431
CMYK	0.00, 0.00, 0.20, 0.05
HSL	61°, 65%, 85%
HSV	61°, 20%, 95%
XYZ	77.6534, 86.0553, 62.9696
YIQ	236.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

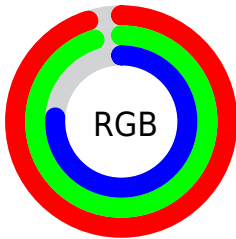
Format	Color
R_{YB}	193, 242, 194
Decimal	15856321
CIE Lab	94.34, -8.16, 23.60
CIE LCh	94, 24.976, 109.076
Yxy	86.0553, 0.3426, 0.3796
Android (android.graphics.Color)	4294046401 (0xFFFF1F2C1)
YUV	236.1150, -21.2557, 4.2841
Hunter-Lab	92.7660, -12.9201, 24.6901

Details

The XYZ color **77.6534, 86.0553, 62.9696** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.3484, 56.0223, 91.8000**, and the grayscale version is **79.9684, 84.1330, 91.6208**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **42.2267, 47.2962, 31.3296** is the 20% darker color. If you saturate the color by 10%, you get **75.0033, 84.9786, 49.8879**, and if you desaturate by 10%, it is **80.7503, 87.3166, 78.3817**.

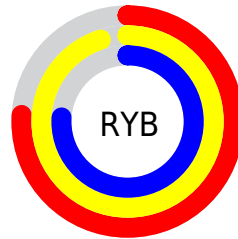
Distribution



Red (95%)

Green (95%)

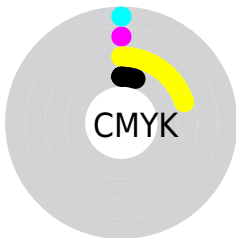
Blue (76%)



Red (76%)

Yellow (95%)

Blue (76%)

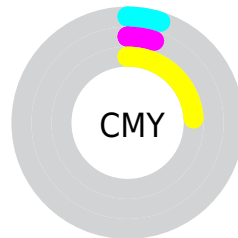


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6534, 86.0553, 62.9696 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 77.6534, 86.0553, 62.9696 by changing the saturation by 10% instead.

77.6534, 86.0553,
62.9696

77.6534, 86.0553,
62.9696

475.8468,
515.1135, 453.5641

58.0911, 64.7137,
45.3758

129.0294,
141.8467, 110.7108

42.1254, 47.2290,
31.4084

161.5737,
177.0652, 141.6953

29.3911, 33.2167,
20.6490

199.1762,
217.6782, 177.9803

19.5226, 22.2925,
12.6789

242.2020,
264.0700, 219.9846

12.1548, 14.0720,
7.0797

291.0167,
316.6251, 268.1266

6.9221, 8.1707,
3.4328

345.9854,

3.4593, 4.2044,

375.7277, 322.8248

1.3196

407.4737,
441.7624, 384.4977

■ 1.4011, 1.7885,
0.0778

■ 0.2570, 0.4800,
0.0000

■ 77.6534, 86.0553,
62.9696

■ 77.6534, 86.0553,
62.9696

■ 75.0033, 84.9786,
49.8879

■ 80.7503, 87.3166,
78.3817

■ 72.7718, 84.0665,
39.0179

■ 84.3072, 88.7590,
96.2240

■ 70.9378, 83.3135,
30.2392

■ 86.5904, 89.6920,
107.3562

■ 69.4759, 82.7093,
23.4173

■ 86.7616, 89.7802,
107.3642

68.3576, 82.2427,
18.4023

86.9332, 89.8687,
107.3723

67.5503, 81.9005,
15.0226

87.1052, 89.9574,
107.3803

67.0152, 81.6672,
13.0736

87.2777, 90.0463,
107.3884

66.6925, 81.5194,
12.2197

87.4507, 90.1355,
107.3965

87.6242, 90.2249,
107.4046

Harmonies

Analogous

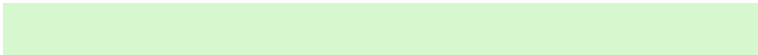
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2595, 86.0553, 61.9336



77.6534, 86.0553, 62.9696



72.4377, 86.0553, 71.5439

Triad

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



77.6534, 86.0553, 62.9696



73.6387, 86.0553, 124.4419



95.1094, 86.0553, 100.8691

Complementary

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



77.6534, 86.0553, 62.9696



57.3484, 56.0223, 91.8000

Split Complementary

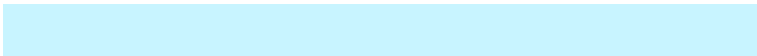
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9210, 86.0553, 120.0136



77.6534, 86.0553, 62.9696



79.3751, 86.0553, 134.8081

Square

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



77.6534, 86.0553, 62.9696



70.2088, 86.0553, 106.2858



86.0771, 86.0553, 133.0851



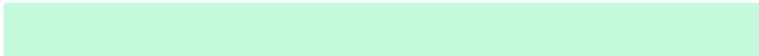
94.5861, 86.0553, 82.1484

Rectangle

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



77.6534, 86.0553, 62.9696



70.3373, 86.0553, 81.1278



86.0771, 86.0553, 133.0851



94.4295, 86.0553, 107.5074

Sweetspot

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



77.6557, 86.0591, 62.9714



92.5682, 98.9940, 96.4335



65.4974, 61.2316, 58.8200



19.7581, 21.1663, 20.3634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

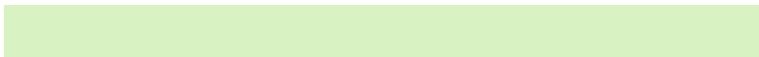
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6557, 86.0591, 62.9714



86.2547, 96.4287, 64.9877



69.9022, 82.0621, 62.6086



17.0890, 18.4415, 16.8086



35.8410, 43.7983, 6.5649



2.9918, 3.6488, 0.5466

Inverse Universe

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



57.3484, 56.0223, 91.8000



59.8174, 57.3241, 102.5197



64.1078, 59.5069, 92.1163



14.9272, 15.2442, 19.8773



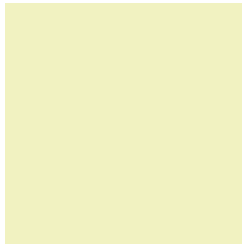
8.6570, 3.4682, 45.3410



0.7307, 0.2939, 3.7724

Previews

White Background



This preview shows how the XYZ color 77.6534, 86.0553, 62.9696 looks on a white background.

Color Contrast Check

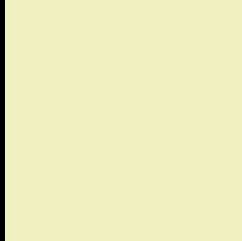
Large Text (above 18pt) WCAG AA × Fail

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 77.6534, 86.0553, 62.9696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

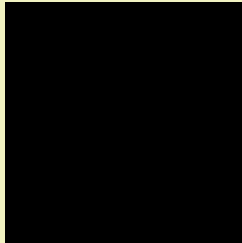
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6534, 86.0553, 62.9696

Background



This preview shows how black text looks on a background with the XYZ color 77.6534, 86.0553, 62.9696.

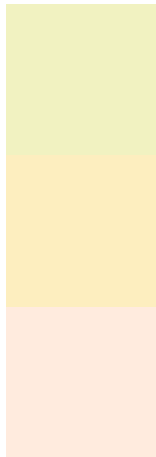


This preview shows how white text looks on a background with the XYZ color 77.6534, 86.0553,

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

77.6534, 86.0553, 62.9696

Protanopia

80.4865, 85.7933, 61.6079

Deuteranopia

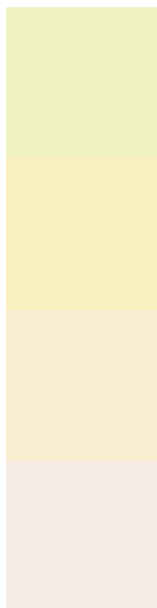
84.1331, 85.9506, 81.2631



Tritanopia

86.0604, 86.0136, 104.1619

Trichromacy



Original Color

77.6534, 86.0553, 62.9696

Protanomaly

79.4479, 85.6785, 62.2194

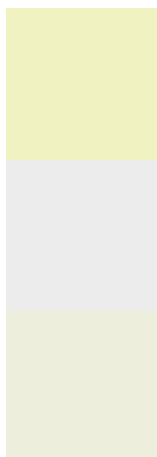
Deuteranomaly

81.7567, 86.1762, 73.9526

Tritanomaly

82.7140, 85.9307, 87.8281

Monochromacy



Original Color

77.6534, 86.0553, 62.9696

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.7527, 84.4935, 79.8683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6534, 86.0553, 62.9696 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(241, 242, 193)` looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 193)  
}
```

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(241, 242, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 193) }
```

Border

The CSS property to change the border of an element to XYZ 77.6534, 86.0553, 62.9696 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(241, 242, 193) }
```


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

```
.border{ border-color:rgb(241, 242, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 242, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 193);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6534, 86.0553, 62.9696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 193) }
```

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

```
.background{ background-color: rgb(241,  
242, 193) }
```

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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