

Converting Colors

XYZ(77.9046, 87.2106, 61.6425)

Have a look what the booklet for
XYZ(77.9046, 87.2106, 61.6425)
contains.

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Color

**XYZ(77.9206, 87.1198,
61.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F4BE
RGB	241, 244, 190
RGB Percent	95%, 96%, 75%
CMY	0.0549, 0.0431, 0.2549
CMYK	0.01, 0.00, 0.22, 0.04
HSL	63°, 71%, 85%
HSV	63°, 22%, 96%
XYZ	77.9206, 87.1198, 61.4242
YIQ	236.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

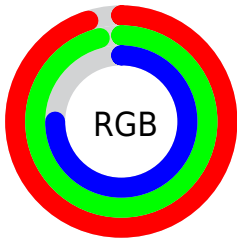
Format	Color
R_{YB}	190, 244, 193
Decimal	15856830
CIE _{Lab}	94.79, -9.58, 25.76
CIE _{LCh}	95, 27.484, 110.400
Yxy	87.1198, 0.3441, 0.3847
Android (android.graphics.Color)	4294046910 (0xFFFF1F4BE)
YUV	236.9470, -23.1449, 3.5545
Hunter-Lab	93.3380, -14.3258, 26.3188

Details

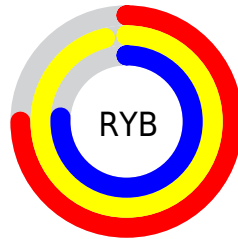
The XYZ color **77.9206, 87.1198, 61.4242** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.7382, 54.6983, 93.1601**, and the grayscale version is **80.6216, 84.8202, 92.3692**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **42.1943, 47.9344, 30.3209** is the 20% darker color. If you saturate the color by 10%, you get **75.0130, 85.9064, 48.5131**, and if you desaturate by 10%, it is **81.2828, 88.5214, 76.6907**.

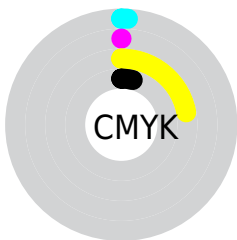
Distribution



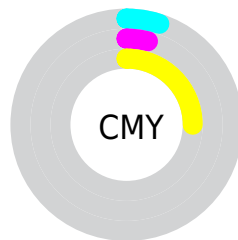
- Red (95%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9206, 87.1198, 61.4242 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 77.9206, 87.1198, 61.4242 by changing the saturation by 10% instead.

77.9206, 87.1198,
61.4242

77.9206, 87.1198,
61.4242

476.7411,
518.6164, 447.7772

58.3113, 65.5944,
44.1348

129.4041,
143.3311, 108.4564

42.3032, 47.9432,
30.4385

162.0091,
178.7858, 139.0363

29.5309, 33.7819,
19.9168

199.6767,
219.6523, 174.8835

19.6291, 22.7261,
12.1511

242.7722,
266.3150, 216.4165

12.2324, 14.3914,
6.7229

291.6611,
319.1584, 264.0538

6.9755, 8.3934,
3.2136

346.7086,

3.4930, 4.3477,

378.5669, 318.2140

1.2047

408.2801,
444.9247, 379.3156

■ 1.4195, 1.8699,
0.0000

■ 0.2701, 0.5302,
0.0000

■ 77.9206, 87.1198,
61.4242

■ 77.9206, 87.1198,
61.4242

■ 75.0130, 85.9064,
48.5131

■ 81.2828, 88.5214,
76.6907

■ 72.5308, 84.8606,
37.8347

■ 85.1134, 90.1078,
94.4158

■ 70.4524, 83.9766,
29.2640

■ 88.0846, 91.3508,
107.5977

■ 68.7510, 83.2439,
22.6612

■ 88.5603, 91.5961,
107.6199

67.3970, 82.6505,
17.8697

89.0395, 91.8431,
107.6423

66.3560, 82.1828,
14.7090

89.5222, 92.0919,
107.6649

65.5869, 81.8242,
12.9618

90.0083, 92.3425,
107.6877

65.1229, 81.5987,
12.3178

90.4980, 92.5950,
107.7106

90.9912, 92.8492,
107.7337

Harmonies

Analogous

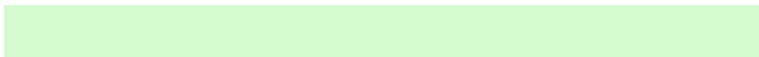
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2120, 87.1198, 59.9434



77.9206, 87.1198, 61.4242



72.2701, 87.1198, 71.0796

Triad

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



77.9206, 87.1198, 61.4242



74.0218, 87.1198, 130.0343



97.7165, 87.1198, 101.8523

Complementary

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



77.9206, 87.1198, 61.4242



56.7382, 54.6983, 93.1601

Split Complementary

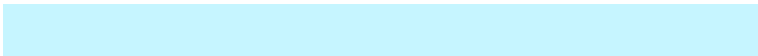
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3164, 87.1198, 123.4251



77.9206, 87.1198, 61.4242



80.4433, 87.1198, 141.2287

Square

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



77.9206, 87.1198, 61.4242



70.1144, 87.1198, 109.8587



87.8889, 87.1198, 138.6440



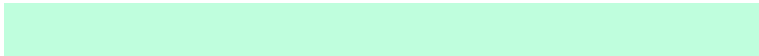
96.9408, 87.1198, 81.2902

Rectangle

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



77.9206, 87.1198, 61.4242



70.0533, 87.1198, 81.7757



87.8889, 87.1198, 138.6440



97.0167, 87.1198, 109.2675

Sweetspot

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



77.9229, 87.1237, 61.4261



91.9435, 98.7153, 94.4437



65.6091, 60.9605, 57.0250



19.6250, 21.1065, 19.9619



0.0000, 0.0000, 0.0000



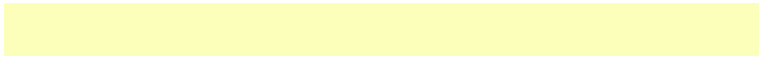
20.3446, 21.4041, 23.3091

Same Dimension

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



77.9229, 87.1237, 61.4261



84.4833, 95.6121, 60.5403



69.4673, 82.7647, 61.0303



17.8182, 19.2639, 17.5767



35.4478, 44.3868, 6.6992



3.1428, 3.9152, 0.5901

Inverse Universe

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



56.7382, 54.6983, 93.1601



56.8711, 53.3458, 101.9071



64.1698, 58.5294, 93.5079



15.6665, 15.9707, 20.7995



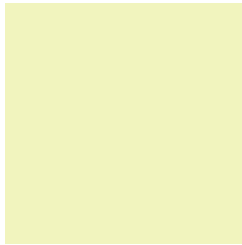
9.0086, 3.6184, 46.7616



0.8212, 0.3332, 4.1113

Previews

White Background



This preview shows how the XYZ color 77.9206, 87.1198, 61.4242 looks on a white background.

Color Contrast Check

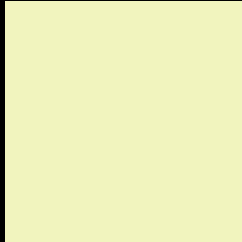
Large Text (above 18pt) WCAG AA × Fail

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 77.9206, 87.1198, 61.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

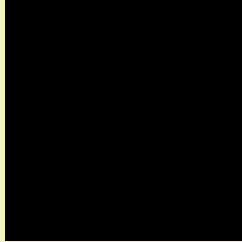
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9206, 87.1198, 61.4242

Background



This preview shows how black text looks on a background with the XYZ color 77.9206, 87.1198, 61.4242.



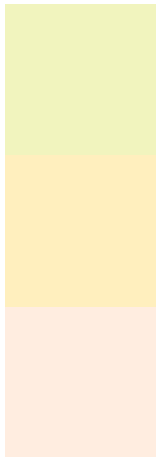
This preview shows how white text looks on a background with the XYZ color 77.9206, 87.1198,

61.4242.

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

77.9206, 87.1198, 61.4242

Protanopia

81.4008, 86.7107, 61.1618

Deuteranopia

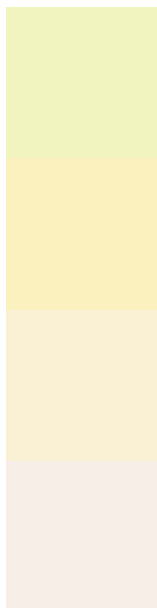
84.9787, 87.2102, 82.8754



Tritanopia

86.6646, 86.7122, 105.9353

Trichromacy



Original Color

77.9206, 87.1198, 61.4242

Protanomaly

80.1739, 86.9523, 61.2731

Deuteranomaly

82.4681, 87.3976, 74.8103

Tritanomaly

83.0044, 86.5114, 87.9249

Monochromacy



Original Color

77.9206, 87.1198, 61.4242

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.3383, 85.6646, 80.0635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9206, 87.1198, 61.4242 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, 244, 190)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 190)  
}
```

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, 244, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 190) }
```

Border

The CSS property to change the border of an element to XYZ 77.9206, 87.1198, 61.4242 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, 244, 190) }
```


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

```
.border{ border-color:rgb(241, 244, 190) }
```

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

Here you see how a box with a 4 pixel rgb(241, 244, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 190);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9206, 87.1198, 61.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 190) }
```

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

```
.background{ background-color: rgb(241,  
244, 190) }
```

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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