

Converting Colors

XYZ(77.5651, 86.0109, 92.7156)

Have a look what the booklet for
XYZ(77.5651, 86.0109, 92.7156)
contains.

XYZ(77.4609, 85.7452, 92.5886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.4609, 85.7452,
92.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF3ED
RGB	222, 243, 237
RGB Percent	87%, 95%, 93%
CMY	0.1294, 0.0470, 0.0706
CMYK	0.09, 0.00, 0.02, 0.05
HSL	163°, 47%, 91%
HSV	163°, 9%, 95%
XYZ	77.4609, 85.7452, 92.5886
YIQ	236.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

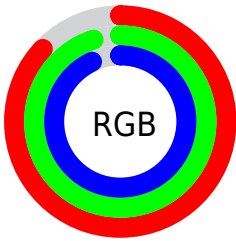
Format	Color
R _Y B	222, 234, 243
Decimal	14611437
CIE Lab	94.20, -7.98, 0.53
CIE LCh	94, 7.994, 176.227
Yxy	85.7452, 0.3028, 0.3352
Android (android.graphics.Color)	4292801517 (0xFFDEF3ED)
YUV	236.0370, 0.4748, -12.3104
Hunter-Lab	92.5987, -12.7285, 5.5356

Details

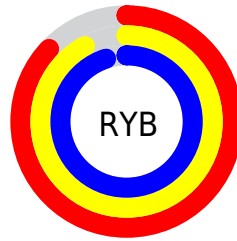
The XYZ color **77.4609, 85.7452, 92.5886** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0902, 76.9010, 84.1832**, and the grayscale version is **79.7615, 83.9153, 91.3838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0472, 47.0923, 50.5897** is the 20% darker color. If you saturate the color by 10%, you get **69.5530, 81.7859, 87.0243**, and if you desaturate by 10%, it is **86.4857, 90.2805, 98.4140**.

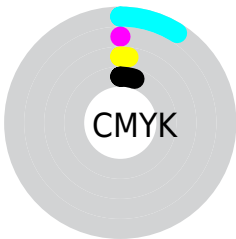
Distribution



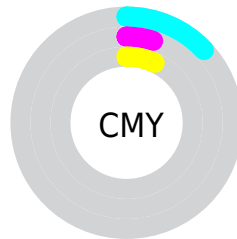
- Red (87%)
- Green (95%)
- Blue (93%)



- Red (87%)
- Yellow (92%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4609, 85.7452, 92.5886 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 77.4609, 85.7452, 92.5886 by changing the saturation by 10% instead.

■ 77.4609, 85.7452,
92.5886

■ 77.4609, 85.7452,
92.5886

475.2019,
514.0907, 557.2019

■ 57.9325, 64.4573,
69.5439

128.7593,
141.4139, 152.8957

■ 41.9974, 47.0212,
50.6802

161.2599,
176.5634, 190.9951

■ 29.2904, 33.0524,
35.5792

198.8154,
217.1023, 234.9498

■ 19.4460, 22.1666,
23.8223

241.7910,
263.4149, 285.1784

■ 12.0989, 13.9793,
14.9909

290.5521,
315.8857, 342.0993

■ 6.8837, 8.1063,
8.6664

345.4640,

■ 3.4352, 4.1630,

374.8990, 406.1312

4.4304

406.8922,
440.8392, 477.6925

■ 1.3879, 1.7652,
1.8643

■ 0.2475, 0.4653,
0.4699

■ 77.4609, 85.7452,
92.5886

■ 77.4609, 85.7452,
92.5886

■ 69.5530, 81.7859,
87.0243

■ 86.4857, 90.2805,
98.4140

■ 62.7086, 78.3680,
81.7109

■ 90.6881, 92.3227,
104.2195

■ 56.8808, 75.4697,
76.6457

■ 91.3422, 92.5844,
107.6641

■ 52.0160, 73.0635,
71.8238

■ 48.0559, 71.1194,
67.2401

■ 44.9356, 69.6039,
62.8891

■ 42.5811, 68.4790,
58.7648

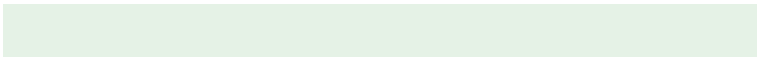
■ 40.9051, 67.6996,
54.8606

■ 39.7810, 67.2007,
51.1679

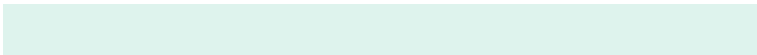
Harmonies

Analogous

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



78.1254, 85.7452, 86.9629



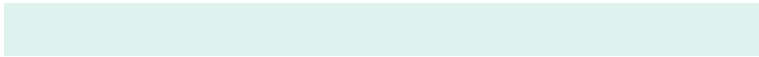
77.4609, 85.7452, 92.5886



77.8625, 85.7452, 98.6673

Triad

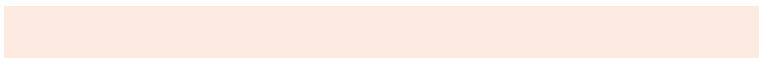
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4609, 85.7452, 92.5886



83.3303, 85.7452, 104.3373



83.8072, 85.7452, 83.9047

Complementary

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



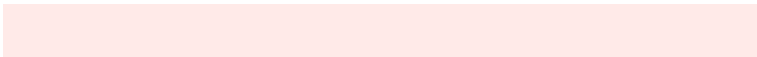
77.4609, 85.7452, 92.5886



77.0902, 76.9010, 84.1832

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.



85.2455, 85.7452, 88.2503



77.4609, 85.7452, 92.5886



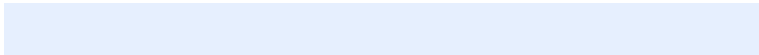
84.9667, 85.7452, 100.0675

Square

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



77.4609, 85.7452, 92.5886



81.2278, 85.7452, 105.6215



85.6735, 85.7452, 94.1396



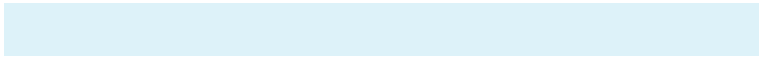
81.7693, 85.7452, 82.0897

Rectangle

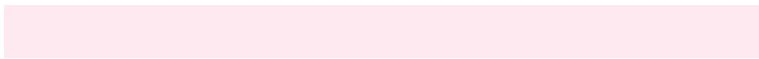
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



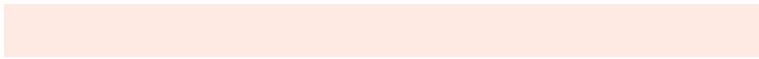
77.4609, 85.7452, 92.5886



78.6846, 85.7452, 102.1325



85.6735, 85.7452, 94.1396



84.3782, 85.7452, 85.1084

Sweetspot

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



77.4633, 85.7488, 92.5905



91.9412, 98.4378, 106.9272



77.3284, 85.9220, 81.6176



19.5055, 20.9825, 22.7749



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.



77.4633, 85.7488, 92.5905



85.1313, 95.0198, 102.4258



77.1126, 83.6200, 96.8743



16.7829, 18.6723, 20.1413



21.8200, 36.8729, 28.1358



1.9619, 3.2584, 2.7053

Inverse Universe

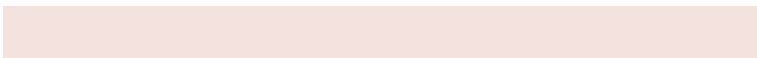
The Inverse Universe completely reimagines the original color for something new.



77.0902, 76.9010, 84.1832



84.6531, 83.6778, 91.6490



77.4006, 78.8327, 80.2455



16.6939, 16.5604, 18.1345



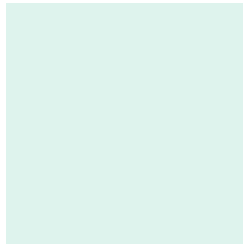
20.9336, 10.7169, 4.3587



1.8823, 0.9589, 0.6066

Previews

White Background



This preview shows how the XYZ color 77.4609, 85.7452, 92.5886 looks on a white background.

Color Contrast Check

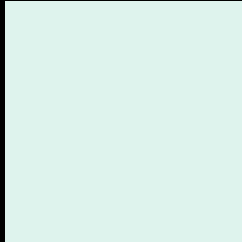
Large Text (above 18pt) WCAG AA × Fail

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 77.4609, 85.7452, 92.5886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

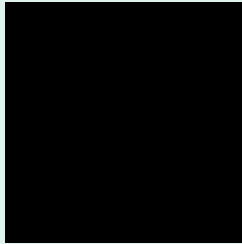
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

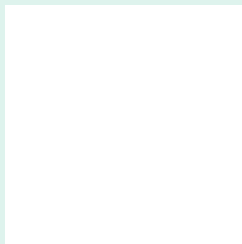
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4609, 85.7452, 92.5886

Background



This preview shows how black text looks on a background with the XYZ color 77.4609, 85.7452, 92.5886.



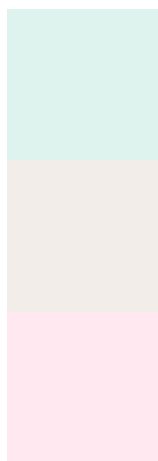
This preview shows how white text looks on a background with the XYZ color 77.4609, 85.7452,

92.5886.

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

77.4609, 85.7452, 92.5886

Protanopia

82.0976, 85.5636, 90.0303

Deuteranopia

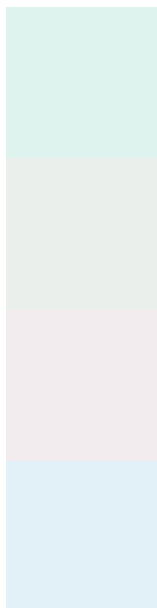
85.6766, 85.2052, 93.5920



Tritanopia

80.9114, 85.4470, 106.8362

Trichromacy



Original Color

77.4609, 85.7452, 92.5886

Protanomaly

80.1228, 85.3933, 90.8569

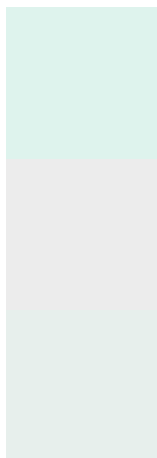
Deuteranomaly

82.3902, 85.2186, 92.9953

Tritanomaly

79.4674, 85.2662, 101.0766

Monochromacy



Original Color

77.4609, 85.7452, 92.5886

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.9618, 84.7781, 91.5589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4609, 85.7452, 92.5886 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(222, 243, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 243, 237)  
}
```

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(222, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 243, 237) }
```

Border

The CSS property to change the border of an element to XYZ 77.4609, 85.7452, 92.5886 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(222, 243, 237) }
```


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

```
.border{ border-color:rgb(222, 243, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 243, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 243, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 243, 237); box-shadow:4px 4px 4px 4px rgb(222, 243, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4609, 85.7452, 92.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 243, 237) }
```

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

```
.background{ background-color: rgb(222,  
243, 237) }
```

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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