

# Converting Colors

XYZ(78.1425, 85.7407, 92.1958)

Have a look what the booklet for  
XYZ(78.1425, 85.7407, 92.1958)  
contains.

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# Color

**XYZ(78.0895, 85.6262,  
92.5325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1F2ED
RGB	225, 242, 237
RGB Percent	88%, 95%, 93%
CMY	0.1176, 0.0510, 0.0706
CMYK	0.07, 0.00, 0.02, 0.05
HSL	162°, 40%, 92%
HSV	162°, 7%, 95%
XYZ	78.0895, 85.6262, 92.5325
YIQ	236.3470, -8.5270, -5.1590

# Conversions

## Conversions Part 2

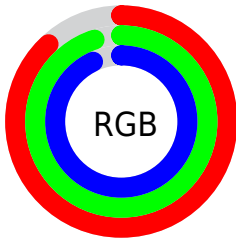
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 235, 242
Decimal	14807789
CIE Lab	94.15, -6.50, 0.48
CIE LCh	94, 6.515, 175.806
Yxy	85.6262, 0.3047, 0.3342
Android (android.graphics.Color)	4292997869 (0xFFE1F2ED)
YUV	236.3470, 0.3219, -9.9513
Hunter-Lab	92.5344, -11.2997, 5.4853

# Details

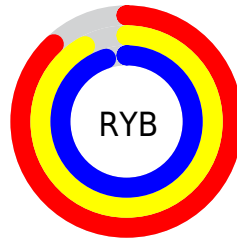
The XYZ color **78.0895, 85.6262, 92.5325** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.8292, 78.4430, 85.9059**, and the grayscale version is **79.9990, 84.1651, 91.6558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4770, 47.0001, 50.5492** is the 20% darker color. If you saturate the color by 10%, you get **70.0538, 81.6039, 86.8336**, and if you desaturate by 10%, it is **87.2407, 90.2235, 98.5029**.

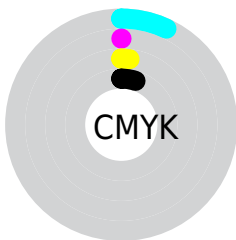
# Distribution



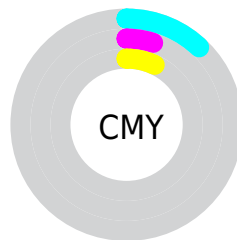
- Red (88%)
- Green (95%)
- Blue (93%)



- Red (88%)
- Yellow (92%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0895, 85.6262, 92.5325 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 78.0895, 85.6262, 92.5325 by changing the saturation by 10% instead.



78.0895, 85.6262,  
92.5325

78.0895, 85.6262,  
92.5325

477.3059,  
513.6979, 557.0163

58.4505, 64.3589,  
69.4975

129.6410,  
141.2477, 152.8173

42.4156, 46.9414,  
50.6427

162.2842,  
176.3708, 190.9042

29.6194, 32.9894,  
35.5496

199.9929,  
216.8812, 234.8454

19.6965, 22.1183,  
23.7996

243.1324,  
263.1634, 285.0596

12.2816, 13.9438,  
14.9742

292.0681,  
315.6018, 341.9652

7.0093, 8.0816,  
8.6549

347.1654,

3.5143, 4.1472,

374.5807, 405.9809

4.4230

408.7895,  
440.4846, 477.5250

■ 1.4312, 1.7563,  
1.8602

■ 0.2783, 0.4597,  
0.4672

■ 78.0895, 85.6262,  
92.5325

■ 78.0895, 85.6262,  
92.5325

■ 70.0538, 81.6039,  
86.8336

■ 87.2407, 90.2235,  
98.5029

■ 63.0811, 78.1225,  
81.3959

■ 90.4450, 91.7480,  
104.4114

■ 57.1254, 75.1607,  
76.2166

■ 91.0437, 91.9875,  
107.5646

■ 52.1346, 72.6916,  
71.2907

■ 48.0516, 70.6861,  
66.6128

■ 44.8132, 69.1115,  
62.1774

■ 42.3480, 67.9310,  
57.9784

■ 40.5721, 67.1015,  
54.0092

■ 39.3777, 66.5675,  
50.2618

# Harmonies

## Analogous

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



78.6454, 85.6262, 87.9436



78.0895, 85.6262, 92.5325



78.4062, 85.6262, 97.4718

# Triad

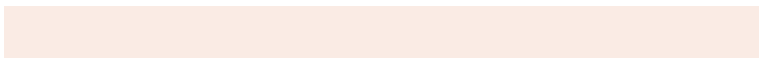
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0895, 85.6262, 92.5325



82.8523, 85.6262, 102.1395



83.2824, 85.6262, 85.5194

# Complementary

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



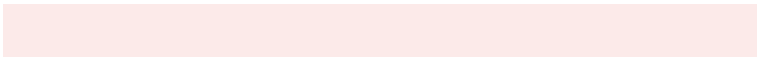
78.0895, 85.6262, 92.5325



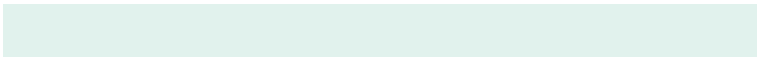
77.8292, 78.4430, 85.9059

# Split Complementary

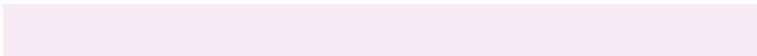
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4386, 85.6262, 89.1177



78.0895, 85.6262, 92.5325



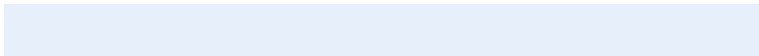
84.1877, 85.6262, 98.7290

# Square

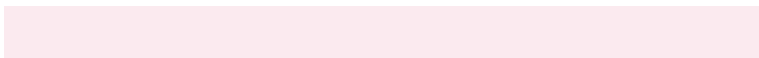
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



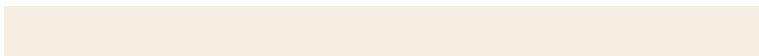
78.0895, 85.6262, 92.5325



81.1404, 85.6262, 103.1323



84.7722, 85.6262, 93.9358



81.6304, 85.6262, 83.9872



# Rectangle

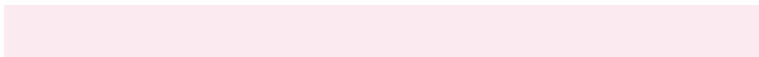
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



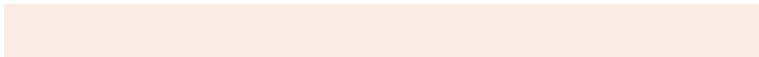
78.0895, 85.6262, 92.5325



79.0721, 85.6262, 100.2821



84.7722, 85.6262, 93.9358



83.7429, 85.6262, 86.5211

# Sweetspot

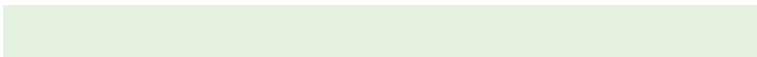
The Sweet Spot groups the original color and five complimentary colors.



78.0919, 85.6298, 92.5344



92.9578, 98.9492, 107.5457



78.0107, 85.7838, 83.6817



19.9187, 21.1902, 23.0335



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.



78.0919, 85.6298, 92.5344



86.9874, 95.9535, 103.5561



77.8306, 83.9207, 96.1049



16.0376, 17.8451, 19.2209



21.0581, 35.7152, 26.7525



1.7951, 2.9885, 2.4535



# Inverse Universe

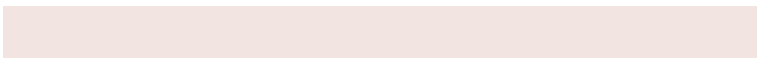
The Inverse Universe completely reimagines the original color for something new.



77.8292, 78.4430, 85.9059



86.6519, 86.7750, 95.0908



78.0649, 80.0231, 82.5669



15.9641, 15.8354, 17.3674



20.3380, 10.4076, 4.4305

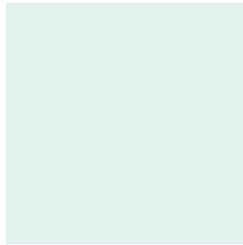


1.7339, 0.8826, 0.5894



# Previews

## White Background



This preview shows how the XYZ color 78.0895, 85.6262, 92.5325 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

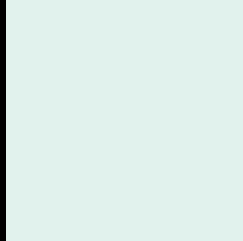
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.0895, 85.6262, 92.5325 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

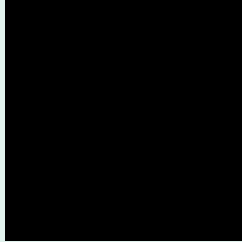
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

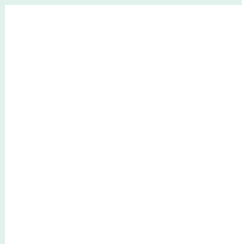
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 78.0895, 85.6262, 92.5325**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.0895, 85.6262, 92.5325.



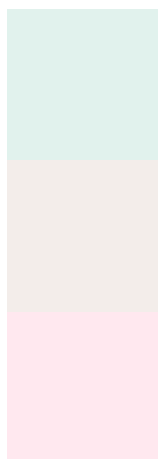
This preview shows how white text looks on a background with the XYZ color 78.0895, 85.6262,

92.5325.

# 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

78.0895, 85.6262, 92.5325

### Protanopia

82.0976, 85.5636, 90.0303

### Deuteranopia

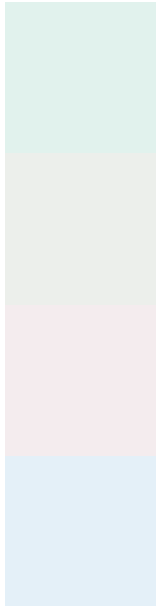
85.6766, 85.2052, 93.5920



## Tritanopia

81.5496, 85.7760, 106.8660

# Trichromacy



## Original Color

78.0895, 85.6262, 92.5325

## Protanomaly

80.4540, 85.5640, 90.8724

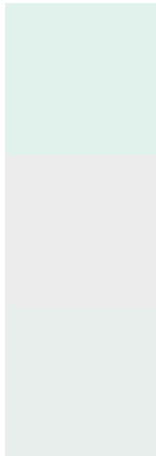
## Deuteranomaly

82.7363, 85.3970, 93.0115

## Tritanomaly

80.0983, 85.5915, 101.1061

# Monochromacy



## Original Color

78.0895, 85.6262, 92.5325

## Achromatopsia

79.7278, 83.8799, 91.3452

## Achromatomaly

78.9936, 84.3610, 91.4768

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.0895, 85.6262, 92.5325 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(225, 242, 237) looks like.

```
.text, #text, p{  
    color:rgb(225, 242, 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(225, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 242, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 78.0895, 85.6262, 92.5325 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(225, 242, 237) }
```



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

```
.border{ border-color:rgb(225, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 242,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.0895, 85.6262, 92.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 242, 237) }
```

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

```
.background{ background-color: rgb(225,  
242, 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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