

Converting Colors

XYZ(79.2554, 85.3652, 91.6568)

Have a look what the booklet for
XYZ(79.2554, 85.3652, 91.6568)
contains.

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Color

**XYZ(79.2554, 85.3652,
91.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F0EC
RGB	231, 240, 236
RGB Percent	91%, 94%, 93%
CMY	0.0941, 0.0588, 0.0745
CMYK	0.04, 0.00, 0.02, 0.06
HSL	153°, 23%, 92%
HSV	153°, 4%, 94%
XYZ	79.2554, 85.3652, 91.6568
YIQ	236.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

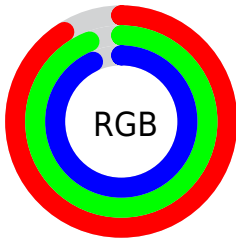
Format	Color
R _Y B	231, 237, 240
Decimal	15200492
CIE Lab	94.04, -3.70, 0.88
CIE LCh	94, 3.799, 166.565
Yxy	85.3652, 0.3093, 0.3331
Android (android.graphics.Color)	4293390572 (0xFFE7F0EC)
YUV	236.8530, -0.4205, -5.1331
Hunter-Lab	92.3933, -8.5701, 5.8579

Details

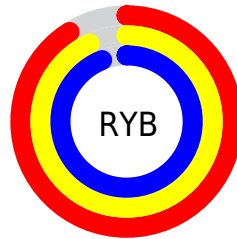
The XYZ color **79.2554, 85.3652, 91.6568** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5096, 81.6775, 90.1761**, and the grayscale version is **80.3906, 84.5772, 92.1046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0579, 46.6902, 49.9227** is the 20% darker color. If you saturate the color by 10%, you get **70.5297, 81.0432, 83.3954**, and if you desaturate by 10%, it is **89.1400, 90.2787, 100.4597**.

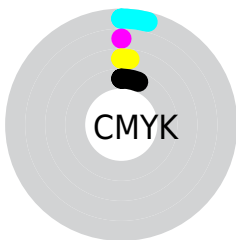
Distribution



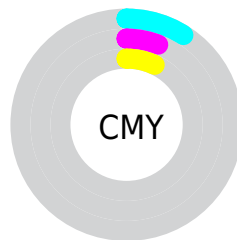
- Red (91%)
- Green (94%)
- Blue (93%)



- Red (91%)
- Yellow (93%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2554, 85.3652, 91.6568 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 79.2554, 85.3652, 91.6568 by changing the saturation by 10% instead.

■ 79.2554, 85.3652,
91.6568

■ 79.2554, 85.3652,
91.6568

481.1948,
512.8357, 554.1143

■ 59.4122, 64.1432,
68.7742

131.2744,
140.8833, 151.5932

■ 43.1927, 46.7666,
50.0572

164.1809,
175.9482, 189.4840

■ 30.2315, 32.8512,
35.0874

202.1725,
216.3961, 233.2147

■ 20.1633, 22.0125,
23.4461

245.6145,
262.6115, 283.2038

■ 12.6228, 13.8661,
14.7148

294.8724,
314.9788, 339.8697

■ 7.2445, 8.0276,
8.4751

350.3116,

■ 3.6632, 4.1126,

373.8823, 403.6311

4.3083

412.2972,
439.7065, 474.9064

■ 1.5134, 1.7367,
1.7960

■ 0.3349, 0.4473,
0.4253

■ 79.2554, 85.3652,
91.6568

■ 79.2554, 85.3652,
91.6568

■ 70.5297, 81.0432,
83.3954

■ 89.1400, 90.2787,
100.4597

■ 62.9119, 77.2794,
75.6595

■ 90.4517, 90.8034,
107.3672

■ 56.3570, 74.0532,
68.4401

■ 50.8137, 71.3384,
61.7260

■ 46.2268, 69.1067,
55.5055

■ 42.5352, 67.3268,
49.7664

■ 39.6705, 65.9637,
44.4957

■ 37.5535, 64.9768,
39.6797

■ 36.0885, 64.3169,
35.3035

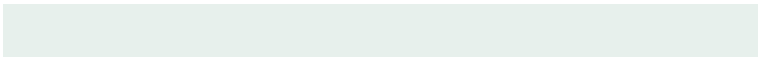
Harmonies

Analogous

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



79.7295, 85.3652, 89.1616



79.2554, 85.3652, 91.6568



79.2825, 85.3652, 94.5493

Triad

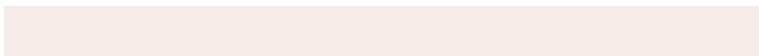
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2554, 85.3652, 91.6568



81.6942, 85.3652, 98.4038



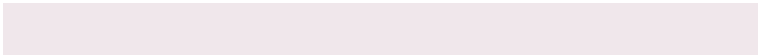
82.4850, 85.3652, 88.9521

Complementary

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



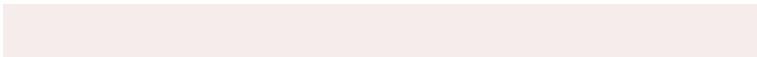
79.2554, 85.3652, 91.6568



79.5096, 81.6775, 90.1761

Split Complementary

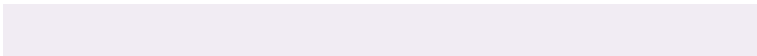
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0203, 85.3652, 91.3653



79.2554, 85.3652, 91.6568



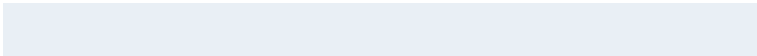
82.5611, 85.3652, 96.8405

Square

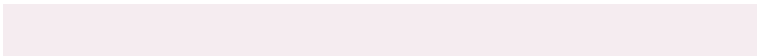
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



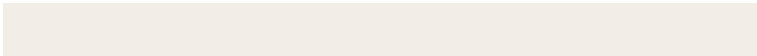
79.2554, 85.3652, 91.6568



80.6849, 85.3652, 98.4858



83.0483, 85.3652, 94.2517



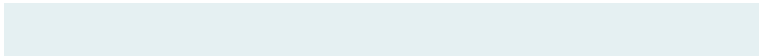
81.5909, 85.3652, 87.6221

Rectangle

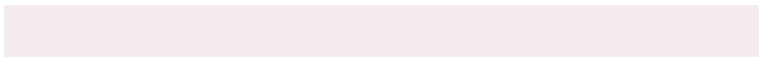
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



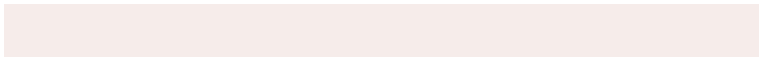
79.2554, 85.3652, 91.6568



79.5811, 85.3652, 96.3146



83.0483, 85.3652, 94.2517



82.7132, 85.3652, 89.6612

Sweetspot

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



79.2578, 85.3688, 91.6587



93.9360, 99.4467, 107.8977



79.8643, 85.7643, 87.9474



20.1179, 21.2915, 23.1051



0.0000, 0.0000, 0.0000



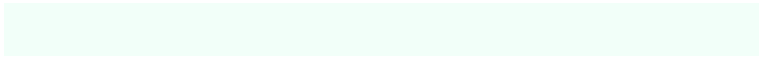
20.3446, 21.4041, 23.3091

Same Dimension

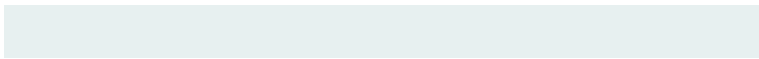
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2578, 85.3688, 91.6587



89.6143, 97.3017, 103.9508



79.7139, 85.3395, 94.7132



16.6552, 18.1612, 19.3503



19.4537, 35.0735, 18.3037



1.6684, 2.9378, 1.7861

Inverse Universe

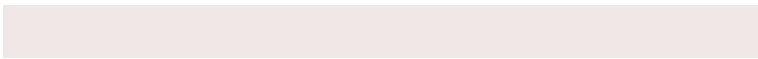
The Inverse Universe completely reimagines the original color for something new.



79.5096, 81.6775, 90.1761



89.9974, 91.6855, 101.6953



79.0636, 81.7010, 87.2053



16.7361, 16.9743, 18.8736



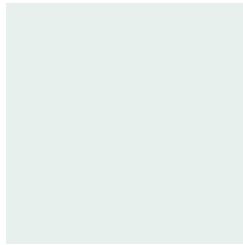
21.1809, 10.7448, 8.8692



1.8114, 0.9136, 0.9975

Previews

White Background



This preview shows how the XYZ color 79.2554, 85.3652, 91.6568 looks on a white background.

Color Contrast Check

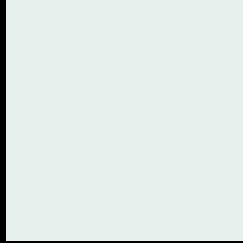
Large Text (above 18pt) WCAG AA × Fail

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 79.2554, 85.3652, 91.6568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

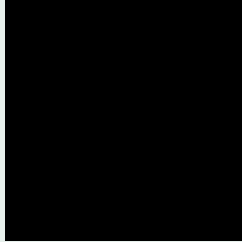
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

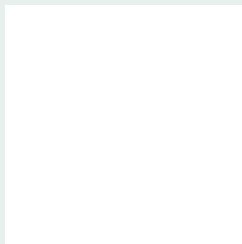
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2554, 85.3652, 91.6568

Background



This preview shows how black text looks on a background with the XYZ color 79.2554, 85.3652, 91.6568.



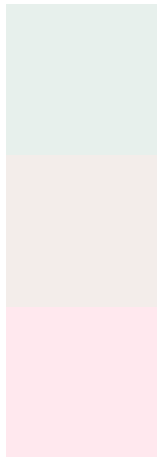
This preview shows how white text looks on a background with the XYZ color 79.2554, 85.3652,

91.6568.

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

79.2554, 85.3652, 91.6568

Protanopia

82.0976, 85.5636, 90.0303

Deuteranopia

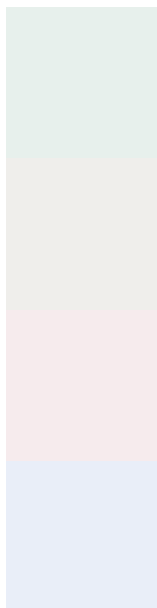
85.5292, 85.1463, 92.8159



Tritanopia

82.2659, 85.2808, 106.7327

Trichromacy



Original Color

79.2554, 85.3652, 91.6568

Protanomaly

81.1665, 85.4980, 90.8221

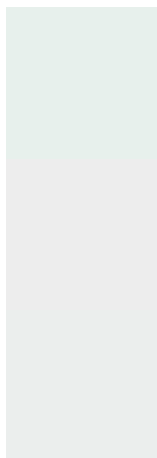
Deuteranomaly

83.0004, 85.1239, 92.1767

Tritanomaly

81.1221, 85.2500, 100.9862

Monochromacy



Original Color

79.2554, 85.3652, 91.6568

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1215, 84.9257, 92.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2554, 85.3652, 91.6568 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(231, 240, 236) looks like.

```
.text, #text, p{  
    color:rgb(231, 240, 236)  
}
```

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(231, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 240, 236) }
```

Border

The CSS property to change the border of an element to XYZ 79.2554, 85.3652, 91.6568 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(231, 240, 236) }
```


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

```
.border{ border-color:rgb(231, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 240,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2554, 85.3652, 91.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 240, 236) }
```

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

```
.background{ background-color: rgb(231,  
240, 236) }
```

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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