

Converting Colors

XYZ(76.8525, 78.5977, 95.5957)

Have a look what the booklet for
XYZ(76.8525, 78.5977, 95.5957)
contains.

XYZ(76.9255, 78.5650, 95.9042)	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(76.9255, 78.5650,
95.9042)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E3F3
RGB	232, 227, 243
RGB Percent	91%, 89%, 95%
CMY	0.0902, 0.1098, 0.0471
CMYK	0.05, 0.07, 0.00, 0.05
HSL	259°, 40%, 92%
HSV	259°, 7%, 95%
XYZ	76.9255, 78.5650, 95.9042
YIQ	230.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

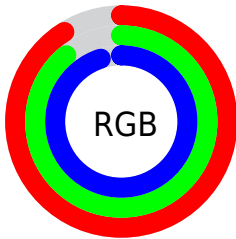
Format	Color
R_{YB}	232, 227, 243
Decimal	15262707
CIE _{Lab}	91.04, 4.59, -7.17
CIE _{LCh}	91, 8.513, 302.643
Yxy	78.5650, 0.3060, 0.3125
Android (android.graphics.Color)	4293452787 (0xFFE8E3F3)
YUV	230.3190, 6.2517, 1.4742
Hunter-Lab	88.6369, -0.1994, -2.1053

Details

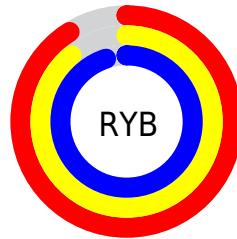
The XYZ color **76.9255, 78.5650, 95.9042** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1784, 87.8264, 85.3505**, and the grayscale version is **75.4082, 79.3353, 86.3962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6267, 42.3230, 52.9889** is the 20% darker color. If you saturate the color by 10%, you get **65.5746, 63.5353, 93.6026**, and if you desaturate by 10%, it is **89.7347, 95.7433, 98.5460**.

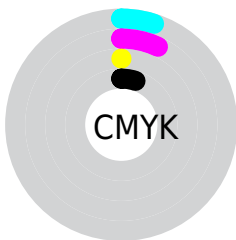
Distribution



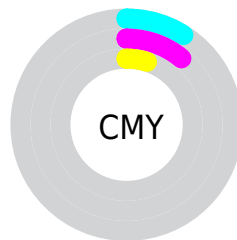
- Red (91%)
- Green (89%)
- Blue (95%)



- Red (91%)
- Yellow (89%)
- Blue (95%)



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



- Cyan (9%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9255, 78.5650, 95.9042 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 76.9255, 78.5650, 95.9042 by changing the saturation by 10% instead.

76.9255, 78.5650,
95.9042

76.9255, 78.5650,
95.9042

473.4058,
490.0835, 568.1138

57.4914, 58.5382,
72.2867

128.0077,
131.3463, 157.5195

41.6416, 42.2415,
52.9047

160.3866,
164.8696, 196.3544

29.0106, 29.2904,
37.3395

197.8111,
203.6605, 241.0989

19.2332, 19.3006,
25.1726

240.6466,
248.1035, 292.1715

11.9439, 11.8877,
15.9855

289.2585,
298.5829, 349.9908

6.7774, 6.6673,
9.3596

344.0121,

3.3684, 3.2549,

355.4831, 414.9752

4.8765

405.2727,
419.1885, 487.5433

■ 1.3514, 1.2662,
2.1175

■ 0.2212, 0.1148,
0.6262

■ 76.9255, 78.5650,
95.9042

■ 76.9255, 78.5650,
95.9042

■ 65.5746, 63.5353,
93.6026

■ 89.7347, 95.7433,
98.5460

■ 55.6217, 50.5585,
91.6224

■ 93.1779, 99.2512,
99.0416

■ 47.0123, 39.5467,
89.9507

■ 39.6858, 30.4014,
88.5716

■ 33.5761, 23.0158,
87.4681

■ 28.6114, 17.2714,
86.6210

■ 24.7112, 13.0352,
86.0089

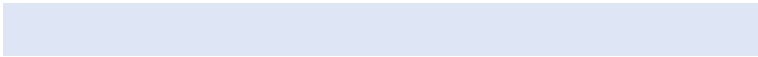
■ 21.7831, 10.1519,
85.6067

■ 19.7144, 8.4281,
85.3830

Harmonies

Analogous

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



74.8644, 78.5650, 97.9224



76.9255, 78.5650, 95.9042



78.4053, 78.5650, 91.1000

Triad

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



76.9255, 78.5650, 95.9042



76.5893, 78.5650, 75.4549



70.6203, 78.5650, 86.0909

Complementary

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



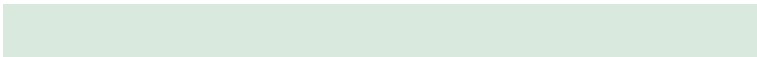
76.9255, 78.5650, 95.9042



81.1784, 87.8264, 85.3505

Split Complementary

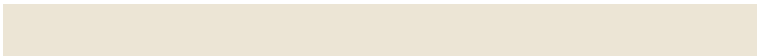
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0624, 78.5650, 80.2185



76.9255, 78.5650, 95.9042



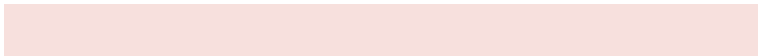
74.4833, 78.5650, 74.2552

Square

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



76.9255, 78.5650, 95.9042



78.2086, 78.5650, 79.3162



72.4662, 78.5650, 75.9580



71.2469, 78.5650, 92.0894

Rectangle

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



76.9255, 78.5650, 95.9042



78.8486, 78.5650, 87.0688



72.4662, 78.5650, 75.9580



70.6488, 78.5650, 84.0369

Sweetspot

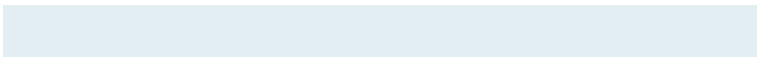
The Sweet Spot groups the original color and five complimentary colors.



76.9278, 78.5683, 95.9059



92.1661, 96.1300, 108.3050



78.4917, 84.0701, 96.8854



19.7576, 20.6163, 23.1880



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.



76.9278, 78.5683, 95.9059



83.9101, 85.1038, 106.6119



79.5165, 79.9029, 96.0271



16.0682, 16.1778, 20.8183



10.6324, 4.4555, 46.8376



1.0359, 0.4439, 4.1213

Inverse Universe

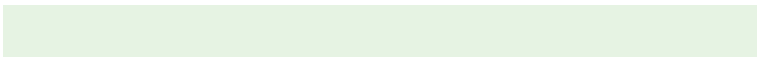
The Inverse Universe completely reimagines the original color for something new.



79.8665, 80.1693, 92.1574



87.8748, 87.2642, 101.5305



78.6157, 86.5053, 85.2306



16.9804, 16.6750, 19.6434



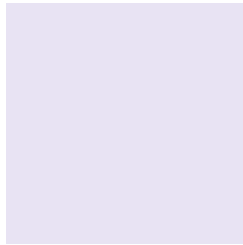
24.1826, 12.0165, 21.4677



2.1716, 1.0746, 2.1300

Previews

White Background



This preview shows how the XYZ color 76.9255, 78.5650, 95.9042 looks on a white background.

Color Contrast Check

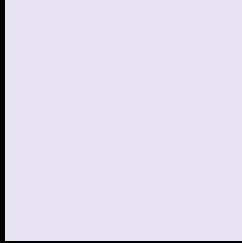
Large Text (above 18pt) WCAG AA × Fail

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 76.9255, 78.5650, 95.9042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

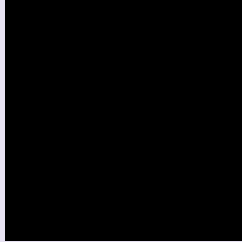
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9255, 78.5650, 95.9042

Background



This preview shows how black text looks on a background with the XYZ color 76.9255, 78.5650, 95.9042.



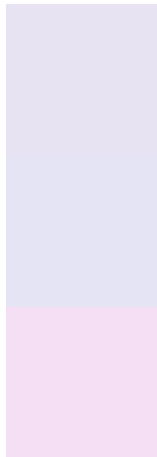
This preview shows how white text looks on a background with the XYZ color 76.9255, 78.5650,

95.9042.

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

76.9255, 78.5650, 95.9042

Protanopia

76.3856, 78.6765, 96.7481

Deuteranopia

80.3730, 78.7195, 96.5462



Tritanopia

77.2292, 78.6865, 97.5038

Trichromacy



Original Color

76.9255, 78.5650, 95.9042

Protanomaly

76.7057, 78.8415, 96.7631

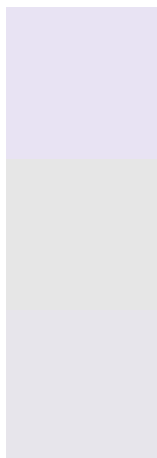
Deuteranomaly

78.9200, 78.3682, 96.5550

Tritanomaly

77.0769, 78.6256, 96.7018

Monochromacy



Original Color

76.9255, 78.5650, 95.9042

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9697, 79.0257, 89.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9255, 78.5650, 95.9042 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(232, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 243)  
}
```

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(232, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.9255, 78.5650, 95.9042 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(232, 227, 243) }
```


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

```
.border{ border-color:rgb(232, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 227, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 227, 243); box-shadow:4px 4px 4px 4px rgb(232, 227, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9255, 78.5650, 95.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 243) }
```

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

```
.background{ background-color: rgb(232,  
227, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor