

Converting Colors

XYZ(76.5409, 80.3047, 95.4278)

Have a look what the booklet for
XYZ(76.5409, 80.3047, 95.4278)
contains.

XYZ(76.5622, 80.4549, 95.4985)	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(76.5622, 80.4549,
95.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E8F2
RGB	227, 232, 242
RGB Percent	89%, 91%, 95%
CMY	0.1098, 0.0902, 0.0510
CMYK	0.06, 0.04, 0.00, 0.05
HSL	220°, 37%, 92%
HSV	220°, 6%, 95%
XYZ	76.5622, 80.4549, 95.4985
YIQ	231.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

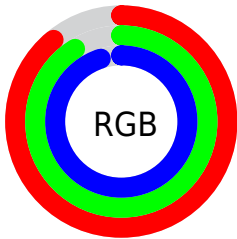
Format	Color
R _Y B	227, 231, 242
Decimal	14936306
CIE Lab	91.89, 0.19, -5.43
CIE LCh	92, 5.433, 271.971
Yxy	80.4549, 0.3032, 0.3186
Android (android.graphics.Color)	4293126386 (0xFFE3E8F2)
YUV	231.6450, 5.1050, -4.0737
Hunter-Lab	89.6967, -4.6072, -0.3374

Details

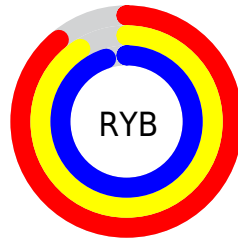
The XYZ color **76.5622, 80.4549, 95.4985** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7676, 84.9911, 84.8225**, and the grayscale version is **76.4048, 80.3838, 87.5379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4015, 43.3665, 52.6429** is the 20% darker color. If you saturate the color by 10%, you get **65.1264, 68.1285, 93.7232**, and if you desaturate by 10%, it is **89.4922, 94.1744, 97.4664**.

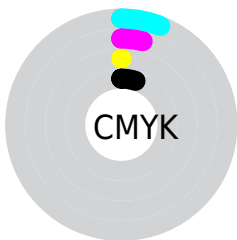
Distribution



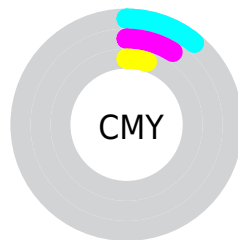
- Red (89%)
- Green (91%)
- Blue (95%)



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



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5622, 80.4549, 95.4985 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 76.5622, 80.4549, 95.4985 by changing the saturation by 10% instead.

■ 76.5622, 80.4549,
95.4985

■ 76.5622, 80.4549,
95.4985

472.1849,
496.4646, 566.7847

■ 57.1923, 60.0928,
71.9508

127.4974,
134.0051, 156.9546

■ 41.4004, 43.4934,
52.6319

159.7935,
167.9620, 195.7001

■ 28.8211, 30.2724,
37.1233

197.1289,
207.2192, 240.3486

■ 19.0891, 20.0455,
25.0064

239.8691,
252.1612, 291.3186

■ 11.8391, 12.4281,
15.8628

288.3795,
303.1723, 349.0286

■ 6.7056, 7.0359,
9.2738

343.0253,

■ 3.3234, 3.4846,

360.6370, 413.8973

4.8209

404.1720,
424.9396, 486.3432

■ 1.3270, 1.3896,
2.0857

■ 0.2033, 0.2091,
0.6072

■ 76.5622, 80.4549,
95.4985

■ 76.5622, 80.4549,
95.4985

■ 65.1264, 68.1285,
93.7232

■ 89.4922, 94.1744,
97.4664

■ 55.1220, 57.1398,
92.1295

■ 93.0273, 99.1909,
98.2483

■ 46.4922, 47.4443,
90.7129

■ 39.1734, 38.9913,
89.4671

■ 33.0968, 31.7262,
88.3850

■ 28.1868, 25.5902,
87.4594

■ 24.3589, 20.5183,
86.6822

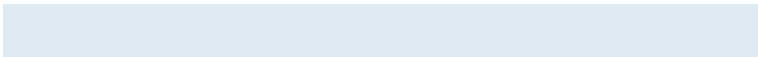
■ 21.5158, 16.4378,
86.0444

■ 19.5388, 13.2630,
85.5359

Harmonies

Analogous

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



75.2175, 80.4549, 94.5529



76.5622, 80.4549, 95.4985



77.8978, 80.4549, 94.2754

Triad

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



76.5622, 80.4549, 95.4985



78.7660, 80.4549, 83.6002



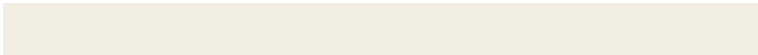
74.1286, 80.4549, 84.0443

Complementary

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



76.5622, 80.4549, 95.4985



80.7676, 84.9911, 84.8225

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.



75.0597, 80.4549, 81.2507



76.5622, 80.4549, 95.4985



77.7362, 80.4549, 80.9998

Square

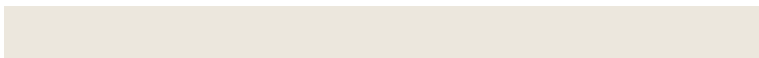
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



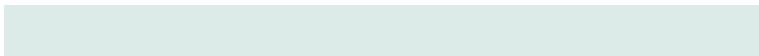
76.5622, 80.4549, 95.4985



79.1798, 80.4549, 87.3379



76.3778, 80.4549, 80.1527



73.8227, 80.4549, 87.8660

Rectangle

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



76.5622, 80.4549, 95.4985



78.6005, 80.4549, 92.4157



76.3778, 80.4549, 80.1527



74.3783, 80.4549, 82.9579

Sweetspot

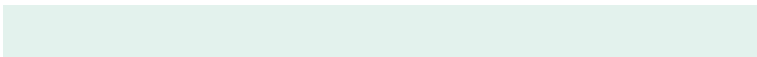
The Sweet Spot groups the original color and five complimentary colors.



76.5645, 80.4583, 95.5003



92.1238, 96.8961, 108.4551



78.6816, 85.9363, 92.3711



19.7490, 20.7723, 23.2185



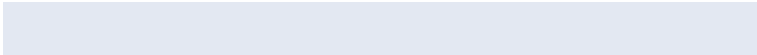
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.5645, 80.4583, 95.5003



85.1069, 89.4138, 107.3807



75.8904, 78.0496, 95.0709



15.8007, 16.5975, 20.0924



10.2915, 6.8073, 45.8994



0.9443, 0.7426, 3.8478

Inverse Universe

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



78.6544, 79.6433, 87.5750



87.7610, 88.3926, 97.3124



81.4689, 87.5332, 85.2762



16.3358, 16.3935, 18.0622



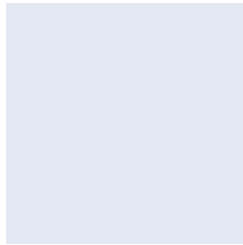
20.5203, 10.4805, 5.3905



1.7516, 0.8897, 0.6827

Previews

White Background



This preview shows how the XYZ color 76.5622, 80.4549, 95.4985 looks on a white background.

Color Contrast Check

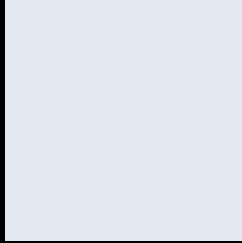
Large Text (above 18pt) WCAG AA × Fail

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 76.5622, 80.4549, 95.4985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

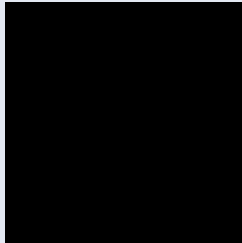
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

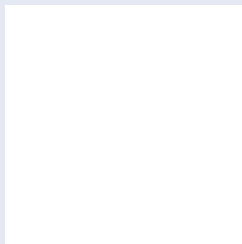
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5622, 80.4549, 95.4985

Background



This preview shows how black text looks on a background with the XYZ color 76.5622, 80.4549, 95.4985.



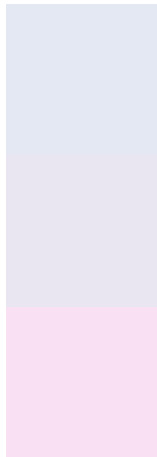
This preview shows how white text looks on a background with the XYZ color 76.5622, 80.4549,

95.4985.

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

76.5622, 80.4549, 95.4985

Protanopia

77.7783, 80.2681, 94.6130

Deuteranopia

82.1698, 80.4612, 95.9938



Tritanopia

77.6697, 80.4854, 101.0641

Trichromacy



Original Color

76.5622, 80.4549, 95.4985

Protanomaly

77.4081, 80.4916, 94.6757

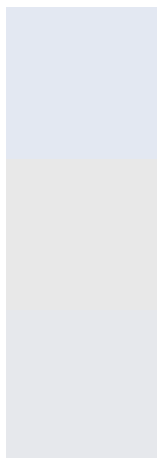
Deuteranomaly

80.1967, 80.6586, 96.1359

Tritanomaly

77.2054, 80.2996, 98.6190

Monochromacy



Original Color

76.5622, 80.4549, 95.4985

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.6301, 80.5923, 90.8739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5622, 80.4549, 95.4985 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(227, 232, 242) looks like.

```
.text, #text, p{  
    color:rgb(227, 232, 242)  
}
```

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(227, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 232, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.5622, 80.4549, 95.4985 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(227, 232, 242) }
```


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

```
.border{ border-color:rgb(227, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 232,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5622, 80.4549, 95.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 232, 242) }
```

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

```
.background{ background-color: rgb(227,  
232, 242) }
```

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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