

Converting Colors

XYZ(76.0245, 78.5963, 90.4835)

Have a look what the booklet for
XYZ(76.0245, 78.5963, 90.4835)
contains.

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Color

**XYZ(76.1624, 78.6987,
90.5331)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E4EC
RGB	232, 228, 236
RGB Percent	91%, 89%, 93%
CMY	0.0902, 0.1059, 0.0745
CMYK	0.02, 0.03, 0.00, 0.07
HSL	270°, 17%, 91%
HSV	270°, 3%, 93%
XYZ	76.1624, 78.6987, 90.5331
YIQ	230.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

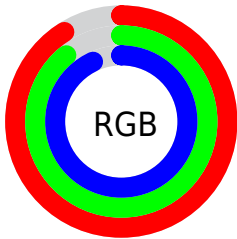
Format	Color
RYB	232, 228, 236
Decimal	15262956
CIELab	91.10, 2.78, -3.42
CIELCh	91, 4.407, 309.186
Yxy	78.6987, 0.3104, 0.3207
Android (android.graphics.Color)	4293453036 (0xFFE8E4EC)
YUV	230.1080, 2.9048, 1.6593
Hunter-Lab	88.7123, -1.9984, 1.5917

Details

The XYZ color **76.1624, 78.6987, 90.5331** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2808, 82.7503, 85.3020**, and the grayscale version is **75.2749, 79.1951, 86.2434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0863, 42.4125, 49.2010** is the 20% darker color. If you saturate the color by 10%, you get **66.4043, 64.6810, 88.3429**, and if you desaturate by 10%, it is **87.0687, 94.6282, 93.0342**.

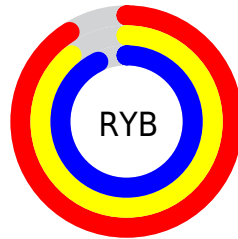
Distribution



Red (91%)

Green (89%)

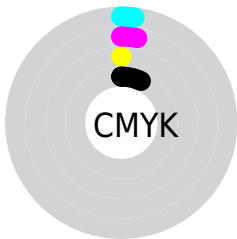
Blue (93%)



Red (91%)

Yellow (89%)

Blue (93%)

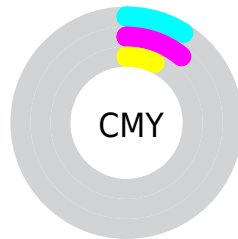


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1624, 78.6987, 90.5331 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 76.1624, 78.6987, 90.5331 by changing the saturation by 10% instead.

■ 76.1624, 78.6987,
90.5331

■ 76.1624, 78.6987,
90.5331

470.8393,
490.5365, 550.3783

■ 56.8632, 58.6481,
67.8467

126.9356,
131.5346, 150.0207

■ 41.1351, 42.3299,
49.3071

159.1403,
165.0887, 187.6589

■ 28.6128, 29.3597,
34.4958

196.3775,
203.9128, 231.1181

■ 18.9309, 19.3531,
22.9943

239.0126,
248.3912, 280.8169

■ 11.7241, 11.9257,
14.3841

287.4110,
298.9084, 337.1737

■ 6.6270, 6.6931,
8.2465

341.9380,

■ 3.2742, 3.2709,

355.8488, 400.6072

4.1630

402.9590,
419.5966, 471.5359

■ 1.3003, 1.2748,
1.7152

■ 0.1835, 0.1215,
0.3711

■ 76.1624, 78.6987,
90.5331

■ 76.1624, 78.6987,
90.5331

■ 66.4043, 64.6810,
88.3429

■ 87.0687, 94.6282,
93.0342

■ 57.7469, 52.4912,
86.4463

■ 92.1406, 98.8362,
93.5791

■ 50.1493, 42.0538,
84.8321

■ 43.5651, 33.2840,
83.4864

■ 37.9443, 26.0901,
82.3941

■ 33.2321, 20.3709,
81.5386

■ 29.3674, 16.0131,
80.9011

■ 26.2804, 12.8860,
80.4602

■ 23.8871, 10.8317,
80.1898

Harmonies

Analogous

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



75.1432, 78.6987, 91.8894



76.1624, 78.6987, 90.5331



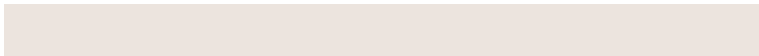
76.8210, 78.6987, 87.8880

Triad

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



76.1624, 78.6987, 90.5331



75.5645, 78.6987, 80.0820



72.7060, 78.6987, 86.6726

Complementary

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



76.1624, 78.6987, 90.5331



77.2808, 82.7503, 85.3020

Split Complementary

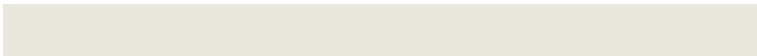
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8163, 78.6987, 83.5280



76.1624, 78.6987, 90.5331



74.4593, 78.6987, 79.7749

Square

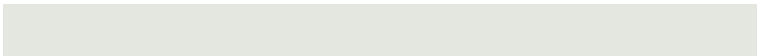
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



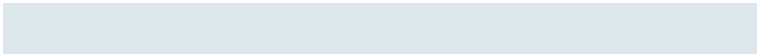
76.1624, 78.6987, 90.5331



76.4734, 78.6987, 81.8714



73.4554, 78.6987, 81.0218



73.1527, 78.6987, 89.6245

Rectangle

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



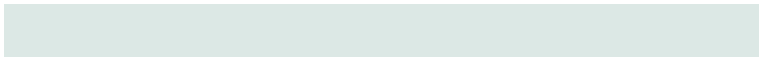
76.1624, 78.6987, 90.5331



76.9631, 78.6987, 85.7767



73.4554, 78.6987, 81.0218



72.6792, 78.6987, 85.6024

Sweetspot

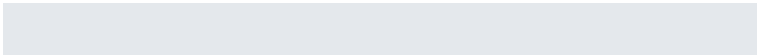
The Sweet Spot groups the original color and five complimentary colors.



76.1647, 78.7021, 90.5348



93.7741, 98.1426, 108.6087



76.0323, 80.3414, 90.8582



20.0850, 21.0261, 23.2498



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.



76.1647, 78.7021, 90.5348



90.0295, 92.7089, 107.7573



77.4338, 79.3564, 90.5942



15.9477, 16.3575, 19.2390



12.6089, 5.5361, 44.1470



1.1011, 0.4919, 3.4718

Inverse Universe

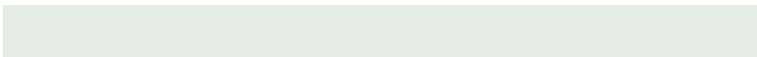
The Inverse Universe completely reimagines the original color for something new.



76.9038, 79.1494, 87.5721



91.0720, 93.3399, 103.5788



76.0392, 82.1102, 85.2439



16.1668, 16.4901, 18.3607



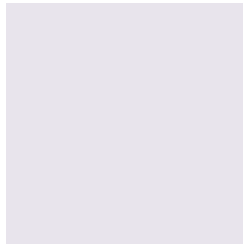
20.9376, 10.5777, 10.7387



1.6927, 0.8500, 1.0990

Previews

White Background



This preview shows how the XYZ color 76.1624, 78.6987, 90.5331 looks on a white background.

Color Contrast Check

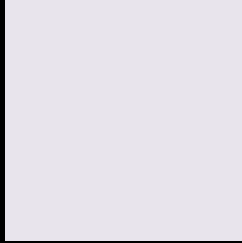
Large Text (above 18pt) WCAG AA × Fail

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 76.1624, 78.6987, 90.5331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

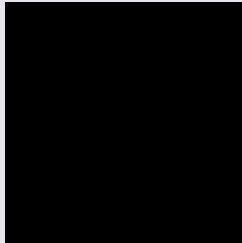
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

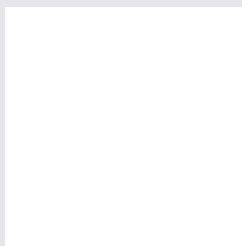
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1624, 78.6987, 90.5331

Background



This preview shows how black text looks on a background with the XYZ color 76.1624, 78.6987, 90.5331.



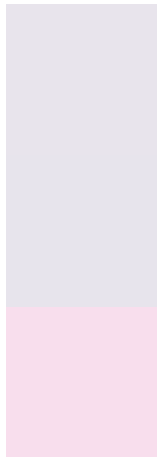
This preview shows how white text looks on a background with the XYZ color 76.1624, 78.6987,

90.5331.

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

76.1624, 78.6987, 90.5331

Protanopia

75.8387, 78.5319, 90.5179

Deuteranopia

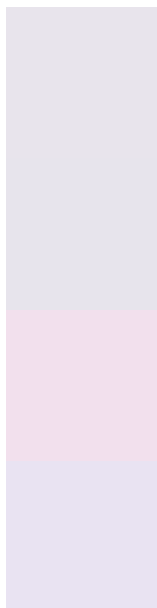
80.1187, 78.3134, 91.0141



Tritanopia

77.5548, 78.8544, 97.5190

Trichromacy



Original Color

76.1624, 78.6987, 90.5331

Protanomaly

75.8387, 78.5319, 90.5179

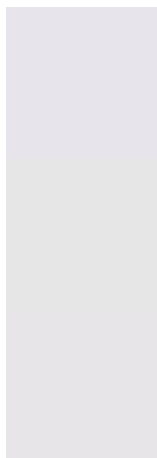
Deuteranomaly

78.5597, 78.3030, 91.0942

Tritanomaly

77.1004, 78.6726, 95.1261

Monochromacy



Original Color

76.1624, 78.6987, 90.5331

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5398, 78.8537, 87.5829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1624, 78.6987, 90.5331 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, 228, 236) looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 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(232, 228, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.1624, 78.6987, 90.5331 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, 228, 236) }
```


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

```
.border{ border-color:rgb(232, 228, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 236);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1624, 78.6987, 90.5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 236) }
```

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

```
.background{ background-color: rgb(232,  
228, 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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