

Converting Colors

XYZ(76.2797, 80.2164, 87.3179)

Have a look what the booklet for
XYZ(76.2797, 80.2164, 87.3179)
contains.

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Color

**XYZ(76.2784, 80.0772,
87.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E7E7
RGB	232, 231, 231
RGB Percent	91%, 91%, 91%
CMY	0.0902, 0.0941, 0.0941
CMYK	0.00, 0.00, 0.00, 0.09
HSL	0°, 2%, 91%
HSV	0°, 0%, 91%
XYZ	76.2784, 80.0772, 87.0374
YIQ	231.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	232, 231, 231
Decimal	15263719
CIE Lab	91.72, 0.34, 0.11
CIE LCh	92, 0.357, 17.725
Yxy	80.0772, 0.3134, 0.3290
Android (android.graphics.Color)	4293453799 (0xFFE8E7E7)
YUV	231.2990, -0.1474, 0.6148
Hunter-Lab	89.4859, -4.4456, 4.9724

Details

The XYZ color **76.2784, 80.0772, 87.0374** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3770, 80.5271, 87.8627**, and the grayscale version is **76.1810, 80.1484, 87.2816**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9723, 42.9852, 46.6949** is the 20% darker color. If you saturate the color by 10%, you get **67.1717, 66.7640, 68.8929**, and if you desaturate by 10%, it is **86.6776, 95.2782, 107.7575**.

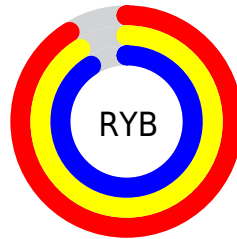
Distribution



Red (91%)

Green (91%)

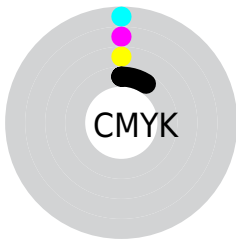
Blue (91%)



Red (91%)

Yellow (91%)

Blue (91%)

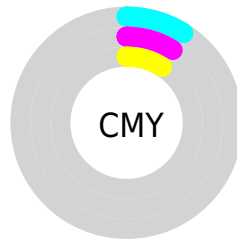


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2784, 80.0772, 87.0374 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 76.2784, 80.0772, 87.0374 by changing the saturation by 10% instead.

■ 76.2784, 80.0772,
87.0374

■ 76.2784, 80.0772,
87.0374

471.2299,
495.1930, 538.6652

■ 56.9587, 59.7819,
64.9664

127.0986,
133.4743, 145.1156

■ 41.2121, 43.2428,
46.9826

159.3298,
167.3448, 181.9598

■ 28.6732, 30.0757,
32.6677

196.5956,
206.5092, 224.5655

■ 18.9768, 19.8961,
21.6030

239.2612,
251.3519, 273.3513

■ 11.7574, 12.3195,
13.3699

287.6921,
302.2572, 328.7356

■ 6.6497, 6.9617,
7.5501

342.2537,

■ 3.2884, 3.4381,

359.6095, 391.1369

3.7248

403.3111,
423.7933, 460.9740

■ 1.3081, 1.3645,
1.4756

■ 0.1892, 0.1904,
0.1997

■ 76.2784, 80.0772,
87.0374

■ 76.2784, 80.0772,
87.0374

■ 67.1717, 66.7640,
68.8929

■ 86.6776, 95.2782,
107.7575

■ 59.3006, 55.2551,
53.2184

■ 87.0891, 95.8960,
108.5274

■ 52.6139, 45.4760,
39.9087

■ 47.0543, 37.3431,
28.8490

■ 42.5598, 30.7660,
19.9152

■ 39.0623, 25.6455,
12.9709

■ 36.4861, 21.8710,
7.8639

■ 34.7442, 19.3160,
4.4204

■ 33.7336, 17.8302,
2.4328

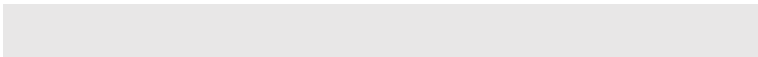
Harmonies

Analogous

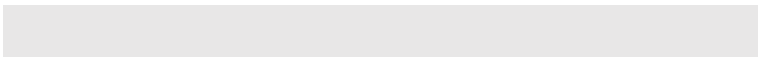
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2827, 80.0772, 87.2974



76.2784, 80.0772, 87.0374



76.2292, 80.0772, 86.8188

Triad

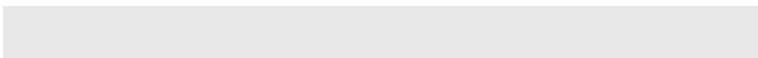
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2784, 80.0772, 87.0374



75.9811, 80.0772, 86.8525



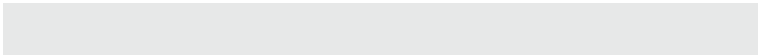
76.0736, 80.0772, 87.6829

Complementary

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



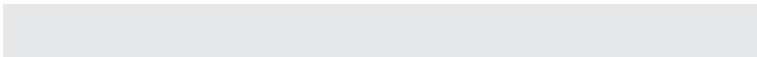
76.2784, 80.0772, 87.0374



76.3770, 80.5271, 87.8627

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.



75.9929, 80.0772, 87.5632



76.2784, 80.0772, 87.0374



75.9395, 80.0772, 87.0836

Square

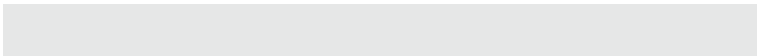
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



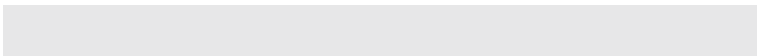
76.2784, 80.0772, 87.0374



76.0575, 80.0772, 86.7122



75.9438, 80.0772, 87.3437



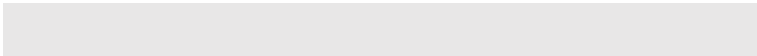
76.1645, 80.0772, 87.6705

Rectangle

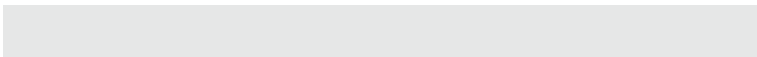
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



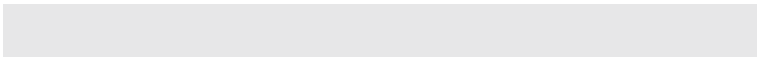
76.2784, 80.0772, 87.0374



76.1776, 80.0772, 86.7258



75.9438, 80.0772, 87.3437



76.0444, 80.0772, 87.6568

Sweetspot

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



76.2807, 80.0806, 87.0391

95.0500, 100.0000, 108.9000



76.4212, 80.1350, 87.7847



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

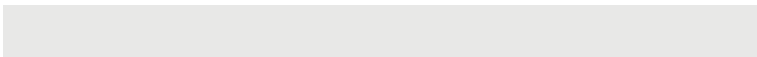
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2807, 80.0806, 87.0391



93.8373, 98.2273, 106.4838



76.4196, 80.3586, 87.0855



16.0252, 16.7800, 18.1955



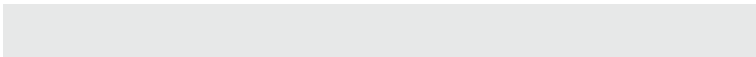
18.4830, 9.5402, 0.8673



1.3675, 0.7084, 0.0647

Inverse Universe

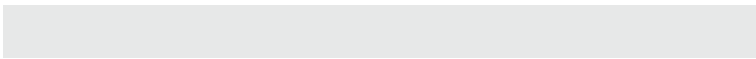
The Inverse Universe completely reimagines the original color for something new.



76.3770, 80.5271, 87.8627



94.1147, 99.5128, 108.8553



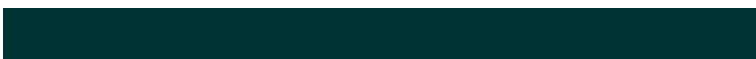
76.2376, 80.2484, 87.8162



16.0697, 16.9863, 18.5761



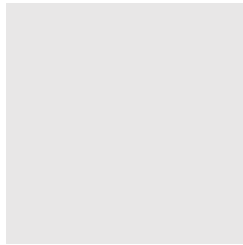
23.9594, 34.9809, 47.8724



1.7722, 2.5883, 3.5382

Previews

White Background



This preview shows how the XYZ color 76.2784, 80.0772, 87.0374 looks on a white background.

Color Contrast Check

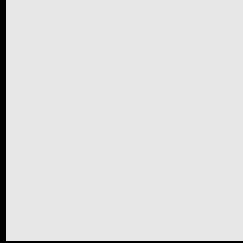
Large Text (above 18pt) WCAG AA × Fail

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 76.2784, 80.0772, 87.0374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

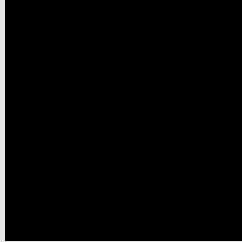
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

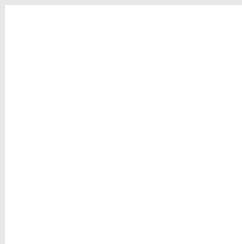
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2784, 80.0772, 87.0374

Background



This preview shows how black text looks on a background with the XYZ color 76.2784, 80.0772, 87.0374.



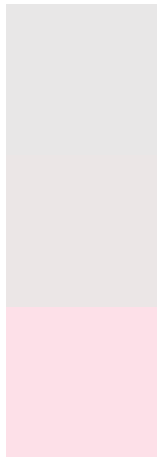
This preview shows how white text looks on a background with the XYZ color 76.2784, 80.0772,

87.0374.

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

76.2784, 80.0772, 87.0374

Protanopia

76.8407, 79.9690, 86.2485

Deuteranopia

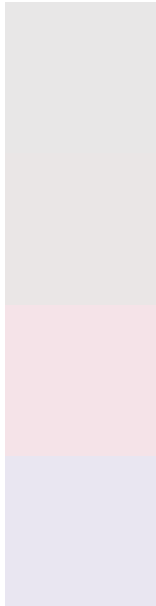
81.7292, 80.0202, 87.4818



Tritanopia

78.7395, 80.2464, 99.3348

Trichromacy



Original Color

76.2784, 80.0772, 87.0374

Protanomaly

76.5114, 79.7992, 86.2331

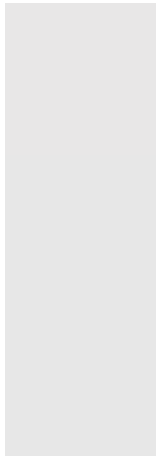
Deuteranomaly

79.6908, 80.1768, 87.6195

Tritanomaly

77.7783, 80.2681, 94.6130

Monochromacy



Original Color

76.2784, 80.0772, 87.0374

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9547, 79.9103, 87.0223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2784, 80.0772, 87.0374 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, 231, 231) looks like.

```
.text, #text, p{  
    color:rgb(232, 231, 231)  
}
```

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, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 231, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.2784, 80.0772, 87.0374 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, 231, 231) }
```

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

```
.border{ border-color:rgb(232, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(232, 231,  
231) }
```


Background

The CSS property to change the background color of an element to XYZ 76.2784, 80.0772, 87.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 231, 231) }
```

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

```
.background{ background-color: rgb(232,  
231, 231) }
```

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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