

Converting Colors

XYZ(75.6895, 78.1652, 80.8543)

Have a look what the booklet for
XYZ(75.6895, 78.1652, 80.8543)
contains.

XYZ(75.7134, 78.2704, 80.9292)	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(75.7134, 78.2704,
80.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE3DF
RGB	237, 227, 223
RGB Percent	93%, 89%, 87%
CMY	0.0706, 0.1098, 0.1255
CMYK	0.00, 0.04, 0.06, 0.07
HSL	17°, 28%, 90%
HSV	17°, 6%, 93%
XYZ	75.7134, 78.2704, 80.9292
YIQ	229.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

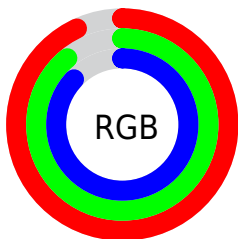
Format	Color
R _Y B	237, 229, 223
Decimal	15590367
CIE Lab	90.90, 2.71, 3.15
CIE LCh	91, 4.154, 49.298
Yxy	78.2704, 0.3223, 0.3332
Android (android.graphics.Color)	4293780447 (0xFFE3DF)
YUV	229.5340, -3.2213, 6.5477
Hunter-Lab	88.4706, -2.0626, 7.6934

Details

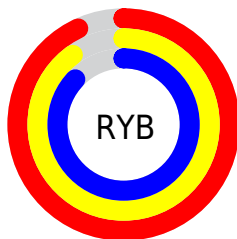
The XYZ color **75.7134, 78.2704, 80.9292** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8562, 80.0789, 91.6331**, and the grayscale version is **74.8907, 78.7908, 85.8032**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8765, 42.1560, 43.0283** is the 20% darker color. If you saturate the color by 10%, you get **68.3367, 68.2770, 63.7936**, and if you desaturate by 10%, it is **83.9967, 89.3593, 100.5755**.

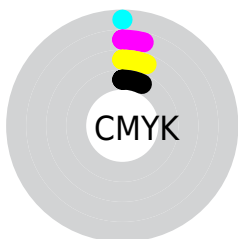
Distribution



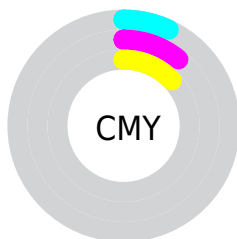
- Red (93%)
- Green (89%)
- Blue (87%)



- Red (93%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7134, 78.2704, 80.9292 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 75.7134, 78.2704, 80.9292 by changing the saturation by 10% instead.


 75.7134, 78.2704,
80.9292

 75.7134, 78.2704,
80.9292


469.3255,
489.0846, 517.8479

 56.4938, 58.2961,
59.9526

126.3042,
130.9312, 136.4945

 40.8375, 42.0468,
42.9554


158.4061,
164.3866, 171.9204

 28.3792, 29.1379,
29.5190


195.5328,
203.1044, 212.9997

 18.7536, 19.1852,
19.2248

238.0496,
247.4691, 260.1511

 11.5953, 11.8042,
11.6544

286.3219,
297.8651, 313.7931

 6.5390, 6.6105,
6.3891

340.7151,

 3.2193, 3.2197,

354.6768, 374.3442

3.0105

401.5946,
418.2885, 442.2229

■ 1.2707, 1.2475,
1.1000

■ 0.1612, 0.1000,
0.0000

■ 75.7134, 78.2704,
80.9292

■ 75.7134, 78.2704,
80.9292

■ 68.3367, 68.2770,
63.7936

■ 83.9967, 89.3593,
100.5755

■ 61.8285, 59.3354,
49.0620

■ 88.7354, 96.7447,
108.6045

■ 56.1575, 51.4138,
36.6274

■ 51.2881, 44.4749,
26.3729

■ 47.1820, 38.4791,
18.1710

■ 43.7973, 33.3840,
11.8809

■ 41.0878, 29.1437,
7.3438

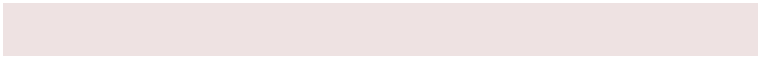
■ 39.0011, 25.7077,
4.3749

■ 37.4752, 23.0191,
2.7465

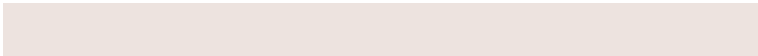
Harmonies

Analogous

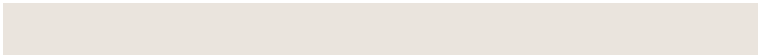
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3087, 78.2704, 83.3331



75.7134, 78.2704, 80.9292



74.7679, 78.2704, 79.6859

Triad

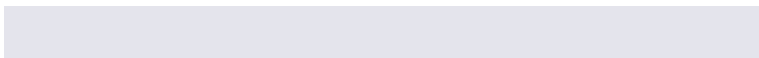
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7134, 78.2704, 80.9292



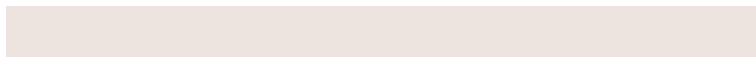
72.4342, 78.2704, 84.1576



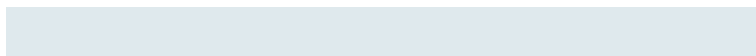
75.0605, 78.2704, 90.7778

Complementary

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



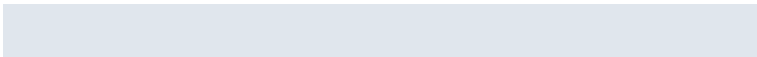
75.7134, 78.2704, 80.9292



74.8562, 80.0789, 91.6331

Split Complementary

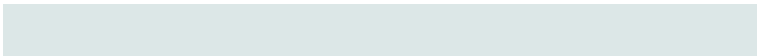
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0207, 78.2704, 91.0111



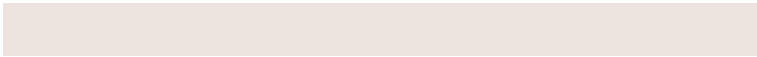
75.7134, 78.2704, 80.9292



72.5109, 78.2704, 87.1416

Square

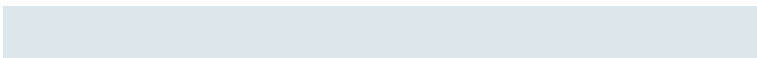
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7134, 78.2704, 80.9292



72.8788, 78.2704, 81.5206



73.0894, 78.2704, 89.6664



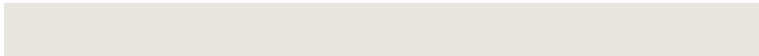
75.9294, 78.2704, 89.0361

Rectangle

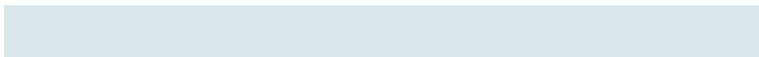
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7134, 78.2704, 80.9292



74.0691, 78.2704, 79.6625



73.0894, 78.2704, 89.6664



74.7192, 78.2704, 91.0368

Sweetspot

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



75.7156, 78.2738, 80.9309



93.0890, 97.3745, 104.2491



76.0265, 76.6661, 87.9078



19.9454, 20.8697, 22.3623



0.0000, 0.0000, 0.0000



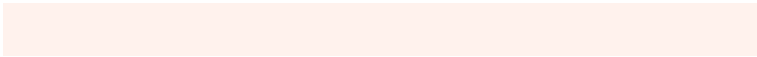
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7156, 78.2738, 80.9309



88.3762, 91.0396, 93.1502



77.6586, 82.1599, 81.5786



15.7197, 16.1654, 16.4556



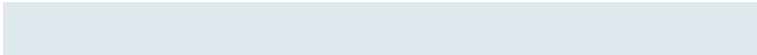
20.2861, 12.2664, 1.2985



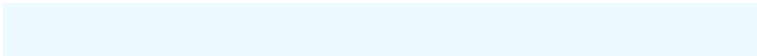
1.6726, 1.1225, 0.1285

Inverse Universe

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



74.8562, 80.0789, 91.6331



87.1780, 93.5561, 108.0711



72.9240, 76.2144, 90.9890



15.4897, 16.6484, 19.3193



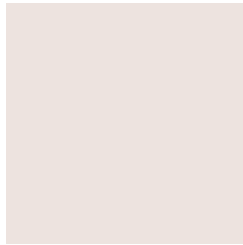
16.2311, 19.1092, 46.5759



1.3559, 1.6634, 3.6845

Previews

White Background



This preview shows how the XYZ color 75.7134, 78.2704, 80.9292 looks on a white background.

Color Contrast Check

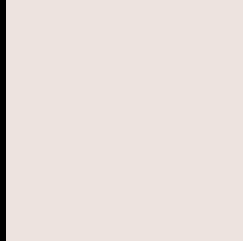
Large Text (above 18pt) WCAG AA × Fail

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 75.7134, 78.2704, 80.9292 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

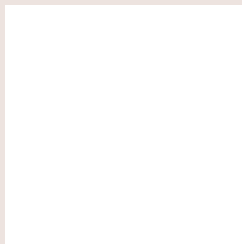
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7134, 78.2704, 80.9292

Background



This preview shows how black text looks on a background with the XYZ color 75.7134, 78.2704, 80.9292.



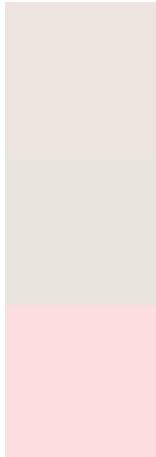
This preview shows how white text looks on a background with the XYZ color 75.7134, 78.2704,

80.9292.

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

75.7134, 78.2704, 80.9292

Protanopia

74.9944, 78.3069, 80.9742

Deuteranopia

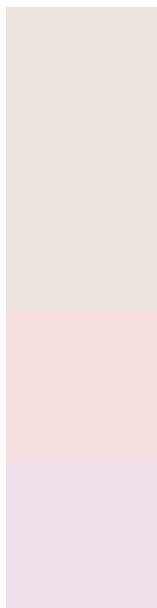
79.8190, 77.9774, 81.3652



Tritanopia

78.6178, 78.2474, 94.9640

Trichromacy



Original Color

75.7134, 78.2704, 80.9292

Protanomaly

75.3236, 78.4767, 80.9896

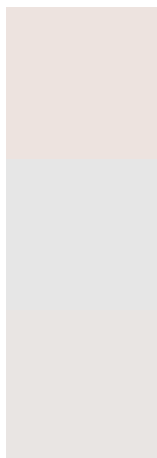
Deuteranomaly

78.2000, 77.9313, 81.4417

Tritanomaly

77.5172, 78.1993, 89.6056

Monochromacy



Original Color

75.7134, 78.2704, 80.9292

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4887, 78.9083, 83.9252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7134, 78.2704, 80.9292 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(237, 227, 223) looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 223)  
}
```

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(237, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.7134, 78.2704, 80.9292 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(237, 227, 223) }
```


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

```
.border{ border-color:rgb(237, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7134, 78.2704, 80.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 223) }
```

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

```
.background{ background-color: rgb(237,  
227, 223) }
```

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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