

Converting Colors

XYZ(71.9627, 77.2090, 59.8252)

Have a look what the booklet for
XYZ(71.9627, 77.2090, 59.8252)
contains.

| | |
|--|----|
| XYZ(71.9627, 77.2090, 59.8252) | 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(71.9627, 77.2090,
59.8252)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDE4BE |
| RGB | 237, 228, 190 |
| RGB Percent | 93%, 89%, 75% |
| CMY | 0.0706, 0.1059, 0.2549 |
| CMYK | 0.00, 0.04, 0.20, 0.07 |
| HSL | 49°, 57%, 84% |
| HSV | 49°, 20%, 93% |
| XYZ | 71.9627, 77.2090, 59.8252 |
| YIQ | 226.3590, 17.5620, -9.9100 |

Conversions

Conversions Part 2

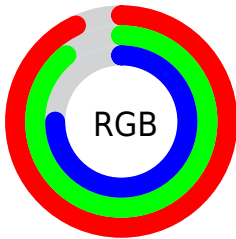
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 201, 237, 190 |
| Decimal | 15590590 |
| CIE Lab | 90.42, -2.98, 19.67 |
| CIE LCh | 90, 19.895, 98.622 |
| Yxy | 77.2090, 0.3443, 0.3694 |
| Android (android.graphics.Color) | 4293780670 (0xFFE4BE) |
| YUV | 226.3590, -17.9250, 9.3322 |
| Hunter-Lab | 87.8687, -7.5821, 21.1406 |

Details

The XYZ color **71.9627, 77.2090, 59.8252** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.9445, 57.9072, 88.2971**, and the grayscale version is **72.6671, 76.4514, 83.2556**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **38.5150, 41.5170, 29.6505** is the 20% darker color. If you saturate the color by 10%, you get **68.3494, 73.7958, 46.8634**, and if you desaturate by 10%, it is **76.0341, 80.8631, 75.0197**.

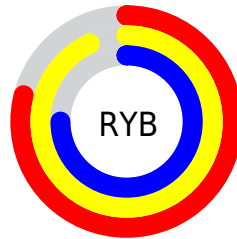
Distribution



Red (93%)

Green (89%)

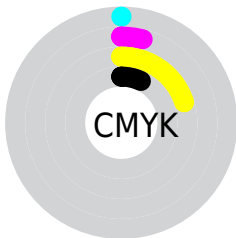
Blue (75%)



Red (79%)

Yellow (93%)

Blue (75%)

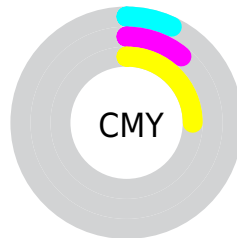


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9627, 77.2090, 59.8252 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 71.9627, 77.2090, 59.8252 by changing the saturation by 10% instead.

71.9627, 77.2090,
59.8252

71.9627, 77.2090,
59.8252

456.5714,
485.4763, 441.7399

53.4136, 57.4244,
42.8534

121.0146,
129.4345, 106.1169

38.3618, 41.3461,
29.4395

152.2480,
162.6441, 136.2740

26.4421, 28.5896,
19.1651

188.4403,
201.0976, 171.6631

17.2891, 18.7706,
11.6117

229.9568,
245.1794, 212.7029

10.5374, 11.5046,
6.3605

277.1627,
295.2737, 259.8120

5.8217, 6.4073,
2.9932

330.4236,

2.7766, 3.0943,

351.7650, 313.4088

1.0912

390.1047,
415.0378, 373.9119

■ 1.0367, 1.1812,
0.0000

■ 0.0000, 0.0462,
0.0000

■ 71.9627, 77.2090,
59.8252

■ 71.9627, 77.2090,
59.8252

■ 68.3494, 73.7958,
46.8634

■ 76.0341, 80.8631,
75.0197

■ 65.1674, 70.6045,
36.0221

■ 80.5767, 84.7558,
92.5417

■ 62.3967, 67.6293,
27.1869

■ 84.6124, 88.4989,
107.2302

■ 60.0127, 64.8600,
20.2308

■ 85.9764, 91.2268,
107.6848

■ 57.9884, 62.2853,
15.0119

■ 87.3740, 94.0222,
108.1507

■ 56.2927, 59.8924,
11.3683

■ 88.7353, 96.7446,
108.6045

■ 54.8888, 57.6662,
9.1074

■ 53.7156, 55.5818,
7.9088

■ 53.6965, 55.5472,
7.8916

Harmonies

Analogous

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



76.9208, 77.2090, 61.0874



71.9627, 77.2090, 59.8252



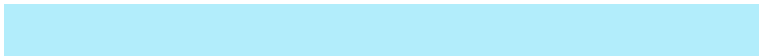
67.5848, 77.2090, 64.4611

Triad

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



71.9627, 77.2090, 59.8252



66.1747, 77.2090, 102.3176



82.6403, 77.2090, 94.4350

Complementary

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



71.9627, 77.2090, 59.8252



56.9445, 57.9072, 88.2971

Split Complementary

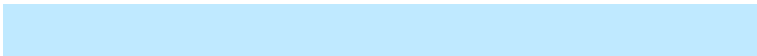
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5076, 77.2090, 107.2937



71.9627, 77.2090, 59.8252



69.9589, 77.2090, 112.1898

Square

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



71.9627, 77.2090, 59.8252



64.3433, 77.2090, 88.2340



74.8256, 77.2090, 114.1068



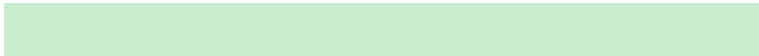
83.2361, 77.2090, 80.0343

Rectangle

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



71.9627, 77.2090, 59.8252



65.5309, 77.2090, 70.6175



74.8256, 77.2090, 114.1068



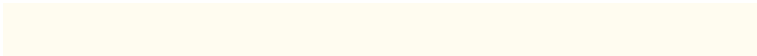
81.8425, 77.2090, 99.1253

Sweetspot

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



71.9647, 77.2124, 59.8268



91.7566, 97.1994, 96.1299



63.6946, 58.9746, 62.3038



19.5656, 20.7408, 20.2914



0.0000, 0.0000, 0.0000



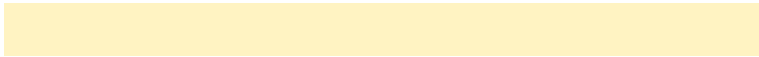
20.3446, 21.4041, 23.3091

Same Dimension

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



71.9647, 77.2124, 59.8268



83.0918, 89.4194, 63.8015



69.9798, 79.9588, 60.4615



16.0927, 17.1084, 15.9728



29.4085, 30.5112, 4.3393



2.3722, 2.5216, 0.3617

Inverse Universe

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



56.9445, 57.9072, 88.2971



62.2010, 62.5712, 103.4068



58.6297, 55.7939, 87.8004



14.4645, 15.0154, 19.0582



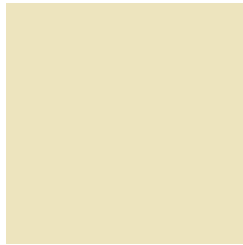
8.9364, 4.5198, 44.1444



0.7666, 0.4846, 3.4880

Previews

White Background



This preview shows how the XYZ color 71.9627, 77.2090, 59.8252 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 71.9627, 77.2090, 59.8252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

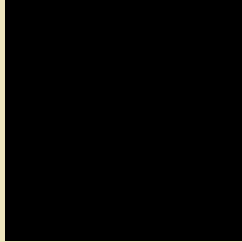
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9627, 77.2090, 59.8252

Background



This preview shows how black text looks on a background with the XYZ color 71.9627, 77.2090, 59.8252.



This preview shows how white text looks on a background with the XYZ color 71.9627, 77.2090,

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

71.9627, 77.2090, 59.8252

Protanopia

72.6985, 77.1811, 59.7810

Deuteranopia

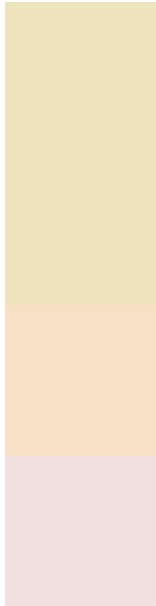
77.5218, 77.1430, 65.4478



Tritanopia

78.3986, 76.9996, 92.3917

Trichromacy



Original Color

71.9627, 77.2090, 59.8252

Protanomaly

72.3600, 77.0066, 59.7652

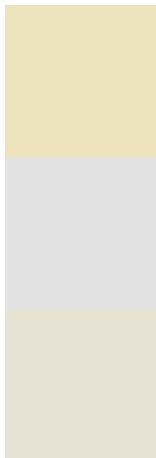
Deuteranomaly

75.3309, 77.2533, 63.1656

Tritanomaly

75.9824, 77.2325, 79.3093

Monochromacy



Original Color

71.9627, 77.2090, 59.8252

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1125, 76.5653, 73.9286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9627, 77.2090, 59.8252 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, 228, 190)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 190)  
}
```

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, 228, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 190) }
```

Border

The CSS property to change the border of an element to XYZ 71.9627, 77.2090, 59.8252 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, 228, 190) }
```


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

```
.border{ border-color:rgb(237, 228, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 190);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9627, 77.2090, 59.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 190) }
```

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

```
.background{ background-color: rgb(237,  
228, 190) }
```

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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