

Converting Colors

XYZ(77.3490, 84.1832, 60.0289)

Have a look what the booklet for
XYZ(77.3490, 84.1832, 60.0289)
contains.

XYZ(77.3078, 84.1924, 59.7532)	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(77.3078, 84.1924,
59.7532)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EEBC
RGB	245, 238, 188
RGB Percent	96%, 93%, 74%
CMY	0.0392, 0.0666, 0.2627
CMYK	0.00, 0.03, 0.23, 0.04
HSL	53°, 74%, 85%
HSV	53°, 23%, 96%
XYZ	77.3078, 84.1924, 59.7532
YIQ	234.3930, 20.2220, -14.0660

Conversions

Conversions Part 2

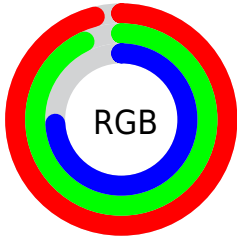
Format	Color
R _Y B	196, 245, 188
Decimal	16117436
CIE Lab	93.53, -5.40, 25.11
CIE LCh	94, 25.683, 102.138
Yxy	84.1924, 0.3494, 0.3805
Android (android.graphics.Color)	4294307516 (0xFFF5EEBC)
YUV	234.3930, -22.8717, 9.3023
Hunter-Lab	91.7564, -10.1816, 25.6189

Details

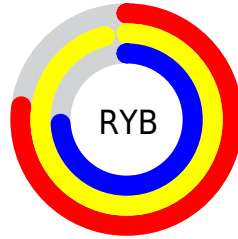
The XYZ color **77.3078, 84.1924, 59.7532** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.7353, 56.3128, 94.2657**, and the grayscale version is **78.6637, 82.7603, 90.1260**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **41.7701, 45.8685, 29.2062** is the 20% darker color. If you saturate the color by 10%, you get **74.0206, 81.4915, 46.7148**, and if you desaturate by 10%, it is **81.0625, 87.1094, 75.1614**.

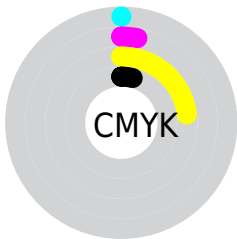
Distribution



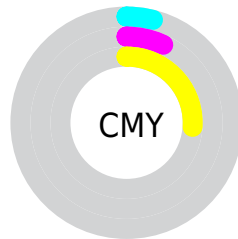
- Red (96%)
- Green (93%)
- Blue (74%)



- Red (77%)
- Yellow (96%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3078, 84.1924, 59.7532 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 77.3078, 84.1924, 59.7532 by changing the saturation by 10% instead.


 77.3078, 84.1924,
59.7532

 77.3078, 84.1924,
59.7532


474.6887,
508.9519, 441.4668

 57.8063, 63.1743,
42.7957


 128.5444,
139.2443, 106.0114

 41.8956, 45.9822,
29.3947


161.0103,
174.0469, 136.1493

 29.2103, 32.2318,
19.1314


198.5283,
214.2130, 171.5177

 19.3851, 21.5386,
11.5875

241.4639,
260.1272, 212.5352

 12.0545, 13.5183,
6.3444

290.1824,
312.1738, 259.6203

 6.8533, 7.7864,
2.9834

345.0491,

 3.4160, 3.9586,

370.7372, 313.1916

1.0862

406.4294,
436.2018, 373.6676

■ 1.3774, 1.6504,
0.0000

■ 0.2400, 0.3912,
0.0000

■ 77.3078, 84.1924,
59.7532

■ 77.3078, 84.1924,
59.7532

■ 74.0206, 81.4915,
46.7148

■ 81.0625, 87.1094,
75.1614

■ 71.1715, 78.9863,
35.9216

■ 85.2991, 90.2398,
93.0447

■ 68.7380, 76.6705,
27.2458

■ 88.9748, 93.1695,
107.9018

■ 66.6930, 74.5331,
20.5445

■ 89.9017, 95.0234,
108.2108

■ 65.0059, 72.5618,
15.6573

■ 90.8436, 96.9070,
108.5247

■ 63.6414, 70.7424,
12.3984

■ 91.4663, 98.1525,
108.7323

■ 62.5567, 69.0575,
10.5425

■ 61.9407, 67.9813,
9.8571

Harmonies

Analogous

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



84.0951, 84.1924, 60.4829



77.3078, 84.1924, 59.7532



71.5767, 84.1924, 66.6406

Triad

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



77.3078, 84.1924, 59.7532



70.7241, 84.1924, 119.1225



93.1065, 84.1924, 103.6280

Complementary

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



77.3078, 84.1924, 59.7532



56.7353, 56.3128, 94.2657

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.



89.1075, 84.1924, 122.2952



77.3078, 84.1924, 59.7532



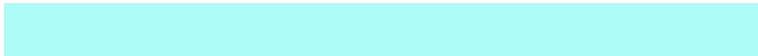
76.0833, 84.1924, 132.0748

Square

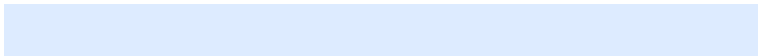
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3078, 84.1924, 59.7532



67.9222, 84.1924, 99.7621



82.7997, 84.1924, 133.3118



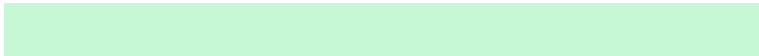
93.4804, 84.1924, 84.0301

Rectangle

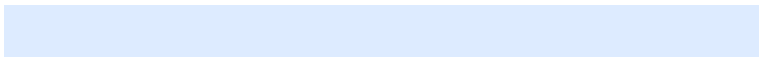
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3078, 84.1924, 59.7532



69.0236, 84.1924, 75.2798



82.7997, 84.1924, 133.3118



92.1316, 84.1924, 110.2843

Sweetspot

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



77.3100, 84.1962, 59.7550



91.6132, 97.5136, 94.2292



65.5585, 59.3473, 59.9872



19.5483, 20.8273, 19.9120



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.



77.3100, 84.1962, 59.7550



82.8783, 90.7608, 58.2783



72.5016, 84.7994, 60.1248



17.7310, 18.9461, 17.5200



33.4381, 36.7618, 5.3334



2.9867, 3.3266, 0.4847

Inverse Universe

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



56.7353, 56.3128, 94.2657



56.6505, 55.2192, 102.2803



60.7318, 56.1009, 94.0141



15.7450, 16.2542, 20.8501



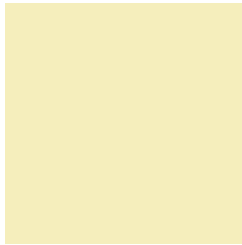
9.1822, 4.1581, 46.8567



0.8585, 0.4684, 4.1354

Previews

White Background



This preview shows how the XYZ color 77.3078, 84.1924, 59.7532 looks on a white background.

Color Contrast Check

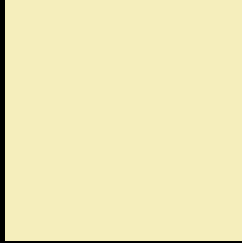
Large Text (above 18pt) WCAG AA × Fail

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 77.3078, 84.1924, 59.7532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

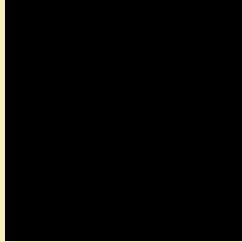
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

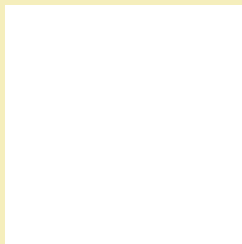
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3078, 84.1924, 59.7532

Background



This preview shows how black text looks on a background with the XYZ color 77.3078, 84.1924, 59.7532.



This preview shows how white text looks on a background with the XYZ color 77.3078, 84.1924,

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

77.3078, 84.1924, 59.7532

Protanopia

78.7488, 84.0880, 59.0938

Deuteranopia

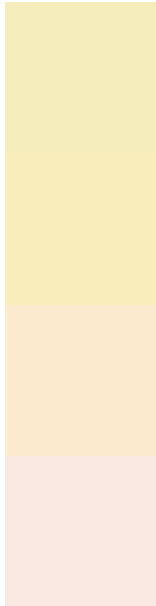
82.6210, 83.9830, 77.5014



Tritanopia

85.7481, 84.2536, 100.5501

Trichromacy



Original Color

77.3078, 84.1924, 59.7532

Protanomaly

78.3207, 84.2960, 59.1565

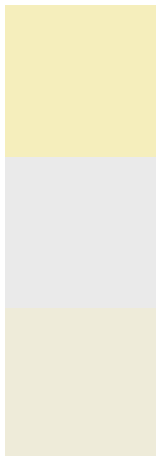
Deuteranomaly

80.3471, 83.8111, 70.3349

Tritanomaly

82.2907, 84.0928, 83.8459

Monochromacy



Original Color

77.3078, 84.1924, 59.7532

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.4926, 82.6036, 77.5054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3078, 84.1924, 59.7532 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(245, 238, 188)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 188)  
}
```

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(245, 238, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 188) }
```

Border

The CSS property to change the border of an element to XYZ 77.3078, 84.1924, 59.7532 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(245, 238, 188) }
```


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

```
.border{ border-color:rgb(245, 238, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 238, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 238, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 238, 188); box-shadow:4px 4px 4px 4px rgb(245, 238, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3078, 84.1924, 59.7532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 188) }
```

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

```
.background{ background-color: rgb(245,  
238, 188) }
```

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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