

Converting Colors

XYZ(69.5192, 76.3706, 59.2421)

Have a look what the booklet for
XYZ(69.5192, 76.3706, 59.2421)
contains.

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Color

**XYZ(69.5177, 76.3708,
59.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5BD
RGB	229, 229, 189
RGB Percent	90%, 90%, 74%
CMY	0.1020, 0.1019, 0.2588
CMYK	0.00, 0.00, 0.17, 0.10
HSL	60°, 43%, 82%
HSV	60°, 17%, 90%
XYZ	69.5177, 76.3708, 59.2212
YIQ	224.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

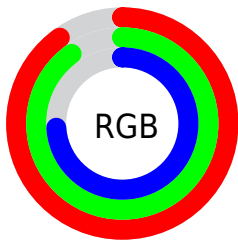
Format	Color
R _Y B	189, 229, 189
Decimal	15066557
CIE Lab	90.03, -6.54, 19.56
CIE LCh	90, 20.620, 108.483
Yxy	76.3708, 0.3389, 0.3723
Android (android.graphics.Color)	4293256637 (0xFFE5E5BD)
YUV	224.4400, -17.4719, 3.9991
Hunter-Lab	87.3904, -10.9392, 20.9947

Details

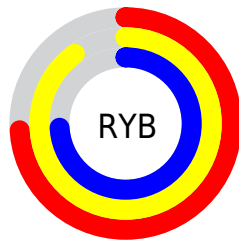
The XYZ color **69.5177, 76.3708, 59.2212** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.3298, 52.8733, 81.5278**, and the grayscale version is **71.2828, 74.9951, 81.6696**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **36.8136, 40.9339, 29.2533** is the 20% darker color. If you saturate the color by 10%, you get **67.2255, 75.4564, 47.1465**, and if you desaturate by 10%, it is **72.2065, 77.4490, 73.3664**.

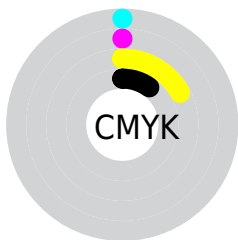
Distribution



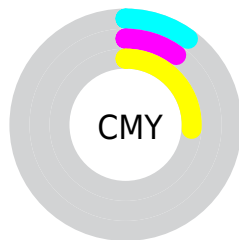
- Red (90%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5177, 76.3708, 59.2212 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 69.5177, 76.3708, 59.2212 by changing the saturation by 10% instead.

69.5177, 76.3708,
59.2212

69.5177, 76.3708,
59.2212

448.1476,
482.6161, 439.4458

51.4116, 56.7366,
42.3700

117.5507,
128.2509, 105.2314

36.7587, 40.7938,
29.0634

148.2084,
161.2656, 135.2274

25.1935, 28.1580,
18.8828

183.7806,
199.5093, 170.4422

16.3508, 18.4448,
11.4097

224.6327,
243.3664, 211.2943

9.8651, 11.2698,
6.2255

271.1302,
293.2212, 258.2021

5.3712, 6.2486,
2.9117

323.6382,

2.5036, 2.9968,

349.4581, 311.5843

1.0497

382.5222,
412.4616, 371.8594

■ 0.8971, 1.1301,
0.0000

■ 0.0000, 0.0035,
0.0000

■ 69.5177, 76.3708,
59.2212

■ 69.5177, 76.3708,
59.2212

■ 67.2255, 75.4564,
47.1465

■ 72.2065, 77.4490,
73.3664

■ 65.3054, 74.6882,
37.0407

■ 75.3031, 78.6878,
89.6676

■ 63.7397, 74.0618,
28.8009

■ 78.3871, 79.9215,
105.9027

■ 62.5066, 73.5685,
22.3129

■ 78.3881, 79.9220,
105.9027

61.5822, 73.1986,
17.4501

78.3891, 79.9225,
105.9028

60.9391, 72.9413,
14.0688

78.3901, 79.9230,
105.9028

60.5454, 72.7837,
12.0005

78.3911, 79.9235,
105.9029

60.3581, 72.7086,
11.0194

78.3920, 79.9240,
105.9029

60.3261, 72.6958,
10.8522

78.3930, 79.9245,
105.9030

Harmonies

Analogous

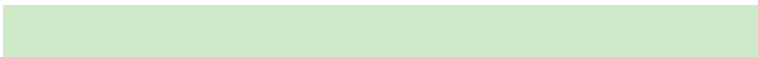
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5675, 76.3708, 58.5183



69.5177, 76.3708, 59.2212



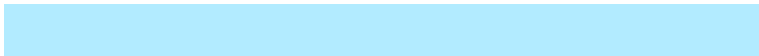
65.4773, 76.3708, 65.8635

Triad

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



69.5177, 76.3708, 59.2212



66.2686, 76.3708, 106.0530



82.6472, 76.3708, 88.9002

Complementary

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



69.5177, 76.3708, 59.2212



53.3298, 52.8733, 81.5278

Split Complementary

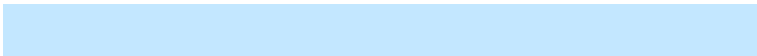
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1961, 76.3708, 103.2350



69.5177, 76.3708, 59.2212



70.6442, 76.3708, 113.8860

Square

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



69.5177, 76.3708, 59.2212



63.6630, 76.3708, 92.3981



75.7477, 76.3708, 112.7981



82.3108, 76.3708, 74.5495

Rectangle

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



69.5177, 76.3708, 59.2212



63.8261, 76.3708, 73.2556



75.7477, 76.3708, 112.7981



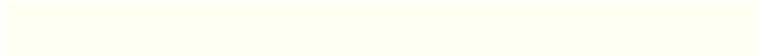
82.1175, 76.3708, 93.9080

Sweetspot

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



69.5197, 76.3742, 59.2228



93.0640, 99.2055, 98.4450



59.6985, 56.7292, 55.9486



19.8621, 21.2111, 20.7689



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.



69.5197, 76.3742, 59.2228



87.5930, 97.0169, 69.6458



63.5021, 73.2720, 58.9412



15.6015, 16.8171, 15.3282



34.4896, 41.5615, 6.2044



2.5487, 3.0713, 0.4585

Inverse Universe

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



53.3298, 52.8733, 81.5278



63.2522, 61.6844, 103.1803



58.6373, 55.6094, 81.7762



13.5831, 13.8873, 18.1089



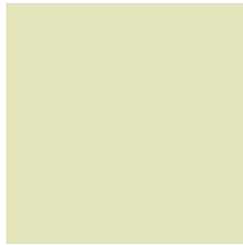
8.0865, 3.2346, 42.5813



0.5976, 0.2391, 3.1466

Previews

White Background



This preview shows how the XYZ color 69.5177, 76.3708, 59.2212 looks on a white background.

Color Contrast Check

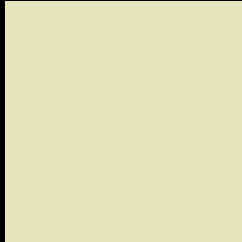
Large Text (above 18pt) WCAG AA × Fail

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 69.5177, 76.3708, 59.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

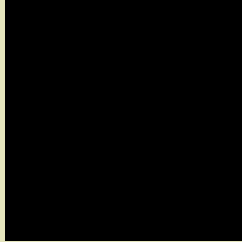
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

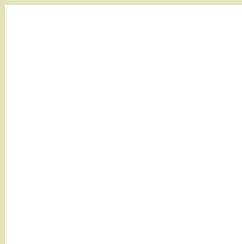
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5177, 76.3708, 59.2212

Background



This preview shows how black text looks on a background with the XYZ color 69.5177, 76.3708, 59.2212.



This preview shows how white text looks on a background with the XYZ color 69.5177, 76.3708,

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

69.5177, 76.3708, 59.2212

Protanopia

71.7626, 76.3313, 57.9648

Deuteranopia

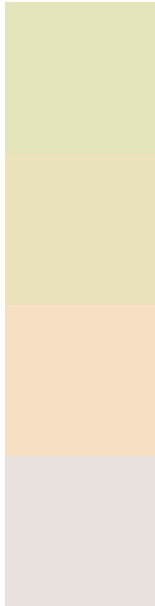
76.7646, 76.0003, 64.0497



Tritanopia

76.2933, 76.3074, 92.3691

Trichromacy



Original Color

69.5177, 76.3708, 59.2212

Protanomaly

70.8071, 76.2312, 58.5591

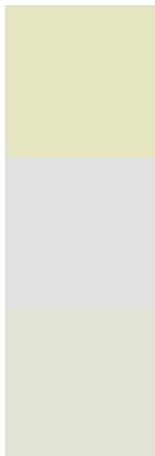
Deuteranomaly

74.2440, 76.3083, 62.4457

Tritanomaly

73.5806, 76.3945, 79.2741

Monochromacy



Original Color

69.5177, 76.3708, 59.2212

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3183, 75.2646, 72.4494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5177, 76.3708, 59.2212 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(229, 229, 189)` looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 189)  
}
```

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(229, 229, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 189) }
```

Border

The CSS property to change the border of an element to XYZ 69.5177, 76.3708, 59.2212 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(229, 229, 189) }
```


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

```
.border{ border-color:rgb(229, 229, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 229, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 229, 189); box-shadow:4px 4px 4px 4px rgb(229, 229, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5177, 76.3708, 59.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 189) }
```

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

```
.background{ background-color: rgb(229,  
229, 189) }
```

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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