

Converting Colors

XYZ(69.1428, 71.0977, 55.4264)

Have a look what the booklet for
XYZ(69.1428, 71.0977, 55.4264)
contains.

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Color

**XYZ(69.1428, 71.0977,
55.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D8B8
RGB	240, 216, 184
RGB Percent	94%, 85%, 72%
CMY	0.0588, 0.1529, 0.2784
CMYK	0.00, 0.10, 0.23, 0.06
HSL	34°, 65%, 83%
HSV	34°, 23%, 94%
XYZ	69.1428, 71.0977, 55.4264
YIQ	219.5280, 24.5760, -4.8640

Conversions

Conversions Part 2

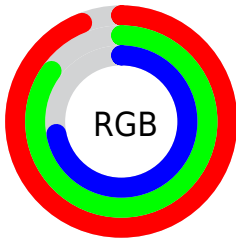
Format	Color
R _Y B	226, 240, 184
Decimal	15784120
CIE Lab	87.53, 3.42, 18.81
CIE LCh	88, 19.121, 79.690
Yxy	71.0977, 0.3534, 0.3634
Android (android.graphics.Color)	4293974200 (0xFFFF0D8B8)
YUV	219.5280, -17.5153, 17.9539
Hunter-Lab	84.3195, -1.1872, 20.0500

Details

The XYZ color **69.1428, 71.0977, 55.4264** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.0508, 61.5918, 91.2673**, and the grayscale version is **67.8063, 71.3375, 77.6866**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **36.3700, 37.1957, 26.7353** is the 20% darker color. If you saturate the color by 10%, you get **64.2852, 65.0725, 42.4305**, and if you desaturate by 10%, it is **74.5959, 77.6299, 70.7281**.

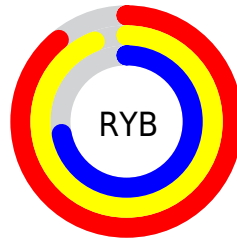
Distribution



Red (94%)

Green (85%)

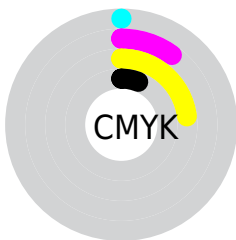
Blue (72%)



Red (89%)

Yellow (94%)

Blue (72%)

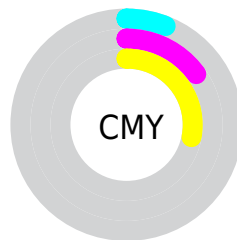


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1428, 71.0977, 55.4264 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 69.1428, 71.0977, 55.4264 by changing the saturation by 10% instead.


 69.1428, 71.0977,
55.4264

 69.1428, 71.0977,
55.4264


446.8480,
464.3949, 424.8537

 51.1051, 52.4219,
39.3423


 117.0185,
120.7728, 99.6428

 36.5136, 37.3415,
26.7163


147.5871,
152.5410, 128.6122

 25.0031, 25.4720,
17.1297


183.0635,
189.4420, 162.7138

 16.2081, 16.4291,
10.1641

223.8129,
231.8604, 202.3662

 9.7633, 9.8283,
5.4008

270.2006,
280.1805, 247.9878

 5.3034, 5.2852,
2.4215

322.5922,

 2.4629, 2.4156,

334.7867, 299.9972

0.7981

381.3528,
396.0633, 358.8130

■ 0.8766, 0.8339,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1428, 71.0977,
55.4264

■ 69.1428, 71.0977,
55.4264

■ 64.2852, 65.0725,
42.4305

■ 74.5959, 77.6299,
70.7281

■ 59.9930, 59.5301,
31.6216

■ 80.6619, 84.6732,
88.4375

■ 56.2415, 54.4581,
22.8769

■ 87.2024, 92.1794,
107.8041

■ 53.0018, 49.8399,
16.0594

■ 89.7454, 97.2654,
108.6517

■ 50.2417, 45.6573,
11.0154

■ 47.9243, 41.8903,
7.5674

■ 46.0053, 38.5155,
5.4998

■ 44.9044, 36.4634,
4.6714

Harmonies

Analogous

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



73.3529, 71.0977, 59.9502



69.1428, 71.0977, 55.4264



64.6915, 71.0977, 56.2734

Triad

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



69.1428, 71.0977, 55.4264



59.7232, 71.0977, 86.1016



74.4190, 71.0977, 94.6480

Complementary

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



69.1428, 71.0977, 55.4264



58.0508, 61.5918, 91.2673

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.



70.5455, 71.0977, 103.2779



69.1428, 71.0977, 55.4264



62.1111, 71.0977, 97.9756

Square

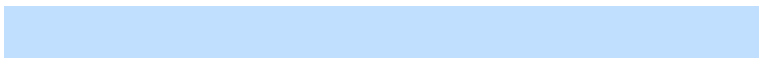
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1428, 71.0977, 55.4264



59.3852, 71.0977, 73.0458



66.0335, 71.0977, 104.5592



76.4878, 71.0977, 81.9515

Rectangle

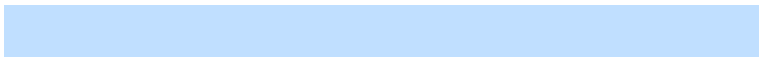
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1428, 71.0977, 55.4264



62.1791, 71.0977, 59.8045



66.0335, 71.0977, 104.5592



73.2769, 71.0977, 98.1781

Sweetspot

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



69.1447, 71.1009, 55.4279



89.9164, 94.1200, 93.6636



64.4944, 57.3743, 67.5226



19.1546, 20.0400, 19.7808



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.



69.1447, 71.1009, 55.4279



76.6148, 78.2339, 56.1905



74.4931, 83.6599, 57.5701



16.5228, 17.2587, 16.6101



24.7160, 20.2300, 2.6021



2.1547, 1.8800, 0.2493

Inverse Universe

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



58.0508, 61.5918, 91.2673



61.8171, 65.5523, 104.0025



53.5429, 51.2307, 89.5050



15.4542, 16.3425, 20.0615



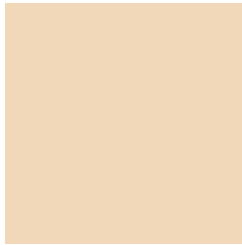
11.3821, 8.9884, 46.2629



1.0437, 0.9413, 3.8809

Previews

White Background



This preview shows how the XYZ color 69.1428, 71.0977, 55.4264 looks on a white background.

Color Contrast Check

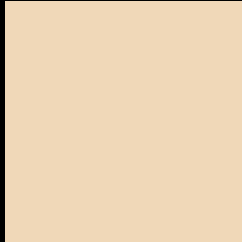
Large Text (above 18pt) WCAG AA × Fail

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 69.1428, 71.0977, 55.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

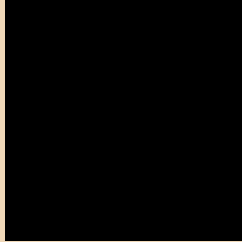
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1428, 71.0977, 55.4264

Background



This preview shows how black text looks on a background with the XYZ color 69.1428, 71.0977, 55.4264.



This preview shows how white text looks on a background with the XYZ color 69.1428, 71.0977,

55.4264.

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

69.1428, 71.0977, 55.4264

Protanopia

67.0435, 71.1547, 56.0996

Deuteranopia

72.5592, 70.9740, 55.7740



Tritanopia

74.4302, 70.9967, 81.7323

Trichromacy



Original Color

69.1428, 71.0977, 55.4264

Protanomaly

67.7600, 71.1380, 56.0586

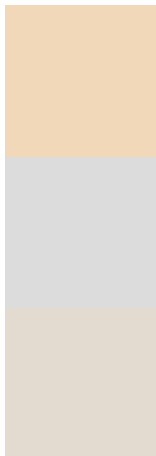
Deuteranomaly

71.2626, 71.0477, 55.8566

Tritanomaly

72.2635, 70.8448, 71.4937

Monochromacy



Original Color

69.1428, 71.0977, 55.4264

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.2726, 71.4989, 69.2338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1428, 71.0977, 55.4264 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(240, 216, 184)` looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 184)  
}
```

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(240, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 184) }
```

Border

The CSS property to change the border of an element to XYZ 69.1428, 71.0977, 55.4264 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(240, 216, 184) }
```


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

```
.border{ border-color:rgb(240, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 184);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1428, 71.0977, 55.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 184) }
```

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

```
.background{ background-color: rgb(240,  
216, 184) }
```

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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