

Converting Colors

XYZ(69.1474, 71.9768, 26.9488)

Have a look what the booklet for
XYZ(69.1474, 71.9768, 26.9488)
contains.

XYZ(69.2637, 72.1701, 27.1092)	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(69.2637, 72.1701,
27.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD975
RGB	255, 217, 117
RGB Percent	100%, 85%, 46%
CMY	0.0000, 0.1490, 0.5412
CMYK	0.00, 0.15, 0.54, 0.00
HSL	43°, 100%, 73%
HSV	43°, 54%, 100%
XYZ	69.2637, 72.1701, 27.1092
YIQ	216.9620, 54.7480, -23.0440

Conversions

Conversions Part 2

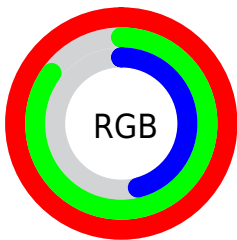
Format	Color
RYB	169, 255, 117
Decimal	16767349
CIELab	88.05, 1.45, 53.58
CIELCh	88, 53.597, 88.448
Yxy	72.1701, 0.4110, 0.4282
Android (android.graphics.Color)	4294957429 (0xFFFFD975)
YUV	216.9620, -49.2813, 33.3593
Hunter-Lab	84.9530, -3.1335, 40.5472

Details

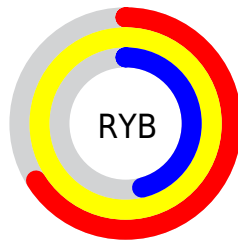
The XYZ color **69.2637, 72.1701, 27.1092** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.1069, 34.4431, 99.2996**, and the grayscale version is **66.2297, 69.6788, 75.8803**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **36.6394, 37.9581, 10.3966** is the 20% darker color. If you saturate the color by 10%, you get **66.1931, 68.1104, 19.6695**, and if you desaturate by 10%, it is **72.8231, 76.5540, 36.7277**.

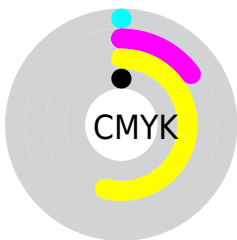
Distribution



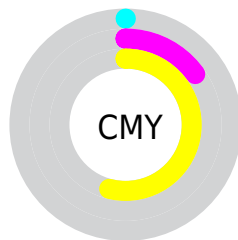
- Red (100%)
- Green (85%)
- Blue (46%)



- Red (66%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2637, 72.1701, 27.1092 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 69.2637, 72.1701, 27.1092 by changing the saturation by 10% instead.


 69.2637, 72.1701,
27.1092

 69.2637, 72.1701,
27.1092


447.2673,
468.1334, 301.9623


 51.2039, 53.2976,
17.4221


 117.1901,
122.2983, 56.0649

 36.5926, 38.0404,
10.3708


 147.7875,
154.3229, 76.1706

 25.0645, 26.0141,
5.5367


 183.2948,
191.5003, 100.5862

 16.2541, 16.8342,
2.5013

224.0774,
234.2149, 129.7303

 9.7961, 10.1163,
0.8408

270.5005,
282.8511, 164.0215

 5.3252, 5.4762,
0.0000

322.9297,

 2.4760, 2.5293,

337.7934, 203.8781

0.0000

381.7302,
399.4260, 249.7189

■ 0.8832, 0.8912,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2637, 72.1701,
27.1092

■ 69.2637, 72.1701,
27.1092

■ 66.1931, 68.1104,
19.6695

■ 72.8231, 76.5540,
36.7277

■ 63.5711, 64.3490,
14.2247

■ 76.8972, 81.2657,
48.6800

■ 61.3590, 60.8717,
10.5681

■ 81.5160, 86.3215,
63.1118

■ 59.5074, 57.6572,
8.4446

■ 86.7056, 91.7331,
80.1559

■ 58.5457, 55.8718,
7.6986

■ 92.4901, 97.5116,
99.9353

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



82.2855, 72.1701, 32.5457



69.2637, 72.1701, 27.1092



57.5348, 72.1701, 31.4973

Triad

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



69.2637, 72.1701, 27.1092



49.1650, 72.1701, 117.1331



91.7591, 72.1701, 121.4974

Complementary

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



69.2637, 72.1701, 27.1092



37.1069, 34.4431, 99.2996

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.



80.9900, 72.1701, 158.1991



69.2637, 72.1701, 27.1092



56.5149, 72.1701, 155.1773

Square

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



69.2637, 72.1701, 27.1092



46.8319, 72.1701, 76.6889



67.9316, 72.1701, 172.1062



96.2327, 72.1701, 80.5039

Rectangle

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



69.2637, 72.1701, 27.1092



51.7884, 72.1701, 40.5104



67.9316, 72.1701, 172.1062



88.6944, 72.1701, 135.1671

Sweetspot

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



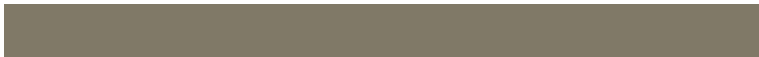
69.2654, 72.1735, 27.1106



85.6838, 90.6866, 76.7406



53.6107, 36.3868, 35.6954



18.1059, 19.1689, 15.6501



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.



69.2654, 72.1735, 27.1106



65.9442, 67.7665, 19.1109



70.0534, 88.8276, 30.2837



19.1136, 20.1953, 19.0350



30.7230, 29.4573, 4.0665



3.0829, 3.0512, 0.4264

Inverse Universe

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



37.1069, 34.4431, 99.2996



30.8416, 26.6517, 98.1265



36.4265, 26.1371, 97.7323



17.4100, 18.1915, 22.8437



10.6889, 6.2874, 50.0848



1.1274, 0.7855, 4.9055

Previews

White Background



This preview shows how the XYZ color 69.2637, 72.1701, 27.1092 looks on a white background.

Color Contrast Check

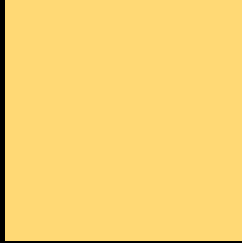
Large Text (above 18pt) WCAG AA × Fail

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 69.2637, 72.1701, 27.1092 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 69.2637, 72.1701, 27.1092

Background



This preview shows how black text looks on a background with the XYZ color 69.2637, 72.1701, 27.1092.



This preview shows how white text looks on a background with the XYZ color 69.2637, 72.1701,

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

69.2637, 72.1701, 27.1092

Protanopia

66.0886, 72.0756, 27.5683

Deuteranopia

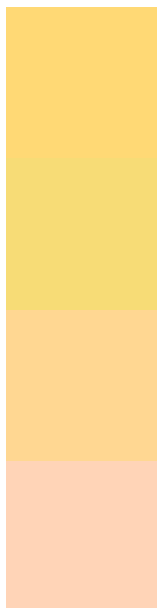
71.8974, 71.9975, 44.7578



Tritanopia

77.0916, 72.0814, 78.2565

Trichromacy



Original Color

69.2637, 72.1701, 27.1092

Protanomaly

67.2210, 72.2686, 27.5458

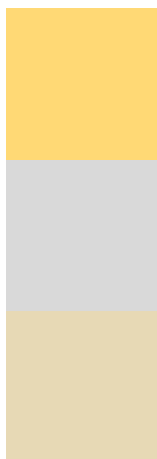
Deuteranomaly

70.7287, 71.9362, 37.3514

Tritanomaly

73.3307, 71.7659, 54.7870

Monochromacy



Original Color

69.2637, 72.1701, 27.1092

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1083, 69.9508, 53.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2637, 72.1701, 27.1092 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(255, 217, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 117)  
}
```

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(255, 217, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 117) }
```

Border

The CSS property to change the border of an element to XYZ 69.2637, 72.1701, 27.1092 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(255, 217, 117) }
```


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

```
.border{ border-color:rgb(255, 217, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2637, 72.1701, 27.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 117) }
```

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

```
.background{ background-color: rgb(255,  
217, 117) }
```

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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