

Converting Colors

XYZ(70.2126, 71.8561, 60.0430)

Have a look what the booklet for
XYZ(70.2126, 71.8561, 60.0430)
contains.

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Color

**XYZ(70.2625, 71.9567,
60.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9C0
RGB	240, 217, 192
RGB Percent	94%, 85%, 75%
CMY	0.0588, 0.1490, 0.2471
CMYK	0.00, 0.10, 0.20, 0.06
HSL	31°, 62%, 85%
HSV	31°, 20%, 94%
XYZ	70.2625, 71.9567, 60.0550
YIQ	221.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

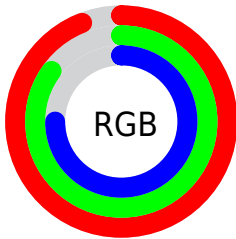
Format	Color
R _Y B	236, 240, 192
Decimal	15784384
CIE Lab	87.95, 4.05, 15.20
CIE LCh	88, 15.731, 75.094
Yxy	71.9567, 0.3474, 0.3557
Android (android.graphics.Color)	4293974464 (0xFFFF0D9C0)
YUV	221.0270, -14.3103, 16.6393
Hunter-Lab	84.8273, -0.5961, 17.4037

Details

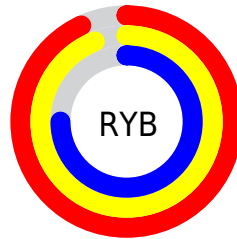
The XYZ color **70.2625, 71.9567, 60.0550** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7666, 66.0973, 91.9413**, and the grayscale version is **68.8344, 72.4192, 78.8645**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **37.2749, 37.8660, 29.3890** is the 20% darker color. If you saturate the color by 10%, you get **64.9565, 65.2587, 46.2192**, and if you desaturate by 10%, it is **76.2125, 79.2476, 76.2465**.

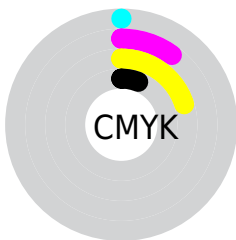
Distribution



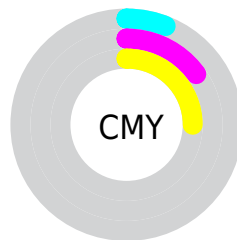
- Red (94%)
- Green (85%)
- Blue (75%)



- Red (93%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2625, 71.9567, 60.0550 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 70.2625, 71.9567, 60.0550 by changing the saturation by 10% instead.


 70.2625, 71.9567,
60.0550

 70.2625, 71.9567,
60.0550

450.7232,
467.3909, 442.6107

 52.0209, 53.1233,
43.0374


 118.6073,
121.9950, 106.4536

 37.2461, 37.9012,
29.5828


149.4411,
153.9686, 136.6717

 25.5726, 25.9060,
19.2728


185.2032,
191.0912, 172.1270

 16.6352, 16.7534,
11.6888

226.2588,
233.7470, 213.2380

 10.0684, 10.0588,
6.4122

272.9732,
282.3205, 260.4234

 5.5070, 5.4380,
3.0245

325.7118,

 2.5855, 2.5064,

337.1960, 314.1016

1.1071

384.8400,
398.7580, 374.6912

■ 0.9386, 0.8799,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.2625, 71.9567,
60.0550

■ 70.2625, 71.9567,
60.0550

■ 64.9565, 65.2587,
46.2192

■ 76.2125, 79.2476,
76.2465

■ 60.2637, 59.1272,
34.6226

■ 82.8244, 87.1378,
94.8935

■ 56.1588, 53.5477,
25.1456

■ 88.6388, 95.0520,
108.2829

■ 52.6125, 48.5013,
17.6554

■ 89.7455, 97.2654,
108.6518

■ 49.5924, 43.9677,
12.0039

■ 47.0619, 39.9246,
8.0222

■ 44.9781, 36.3468,
5.5093

■ 43.2720, 33.1986,
4.1273

■ 43.2720, 33.1984,
4.1273

Harmonies

Analogous

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



73.6052, 71.9567, 64.6258



70.2625, 71.9567, 60.0550



66.5339, 71.9567, 60.0697

Triad

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



70.2625, 71.9567, 60.0550



61.6705, 71.9567, 83.8448



73.6228, 71.9567, 93.8341

Complementary

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



70.2625, 71.9567, 60.0550



61.7666, 66.0973, 91.9413

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.



70.2858, 71.9567, 100.0037



70.2625, 71.9567, 60.0550



63.4322, 71.9567, 93.8882

Square

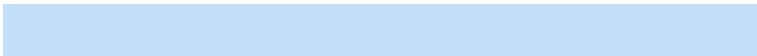
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2625, 71.9567, 60.0550



61.6648, 71.9567, 73.1606



66.5563, 71.9567, 100.0244



75.5929, 71.9567, 83.7763

Rectangle

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



70.2625, 71.9567, 60.0550



64.3341, 71.9567, 62.6514



66.5563, 71.9567, 100.0244



72.6185, 71.9567, 96.4705

Sweetspot

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



70.2644, 71.9599, 60.0565



90.3897, 94.4656, 95.6742



67.0771, 61.1421, 72.6919



19.2422, 20.0939, 20.1836



0.0000, 0.0000, 0.0000



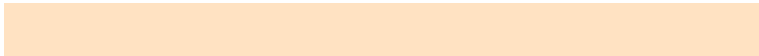
20.3446, 21.4041, 23.3091

Same Dimension

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



70.2644, 71.9599, 60.0565



78.0648, 79.3653, 62.1258



76.3394, 84.5122, 62.1592



16.4541, 17.1213, 16.5872



23.8218, 18.4416, 2.3040



2.0814, 1.7334, 0.2249

Inverse Universe

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



61.7666, 66.0973, 91.9413



66.6664, 71.5020, 104.8953



56.5201, 55.3028, 90.1343



15.5220, 16.4782, 20.0841



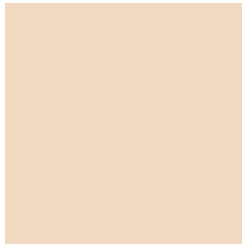
12.0961, 10.4165, 46.5009



1.1054, 1.0647, 3.9015

Previews

White Background



This preview shows how the XYZ color 70.2625, 71.9567, 60.0550 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 70.2625, 71.9567, 60.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

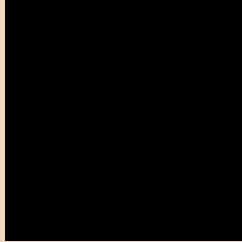
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2625, 71.9567, 60.0550

Background



This preview shows how black text looks on a background with the XYZ color 70.2625, 71.9567, 60.0550.



This preview shows how white text looks on a background with the XYZ color 70.2625, 71.9567,

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

70.2625, 71.9567, 60.0550

Protanopia

68.2858, 72.0704, 61.3509

Deuteranopia

73.5648, 72.1342, 60.4981



Tritanopia

75.2033, 72.1009, 83.3520

Trichromacy



Original Color

70.2625, 71.9567, 60.0550

Protanomaly

68.8888, 72.0057, 60.7197

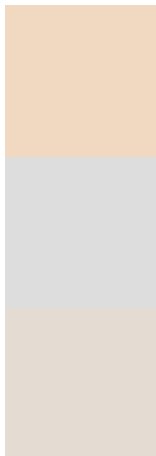
Deuteranomaly

72.3836, 71.8998, 60.5151

Tritanomaly

73.2745, 72.0541, 74.3358

Monochromacy



Original Color

70.2625, 71.9567, 60.0550

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.2210, 72.3335, 71.2862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2625, 71.9567, 60.0550 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, 217, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 192)  
}
```

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, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 192) }
```

Border

The CSS property to change the border of an element to XYZ 70.2625, 71.9567, 60.0550 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, 217, 192) }
```


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

```
.border{ border-color:rgb(240, 217, 192) }
```

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

Here you see how a box with a 4 pixel rgb(240, 217, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2625, 71.9567, 60.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 192) }
```

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

```
.background{ background-color: rgb(240,  
217, 192) }
```

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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