

Converting Colors

XYZ(67.9726, 66.6936, 59.7427)

Have a look what the booklet for
XYZ(67.9726, 66.6936, 59.7427)
contains.

XYZ(67.9726, 66.6936, 59.7427)	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(67.9726, 66.6936,
59.7427)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CEC1
RGB	241, 206, 193
RGB Percent	95%, 81%, 76%
CMY	0.0549, 0.1921, 0.2431
CMYK	0.00, 0.15, 0.20, 0.05
HSL	16°, 63%, 85%
HSV	16°, 20%, 95%
XYZ	67.9726, 66.6936, 59.7427
YIQ	214.9830, 25.0330, 3.3770

Conversions

Conversions Part 2

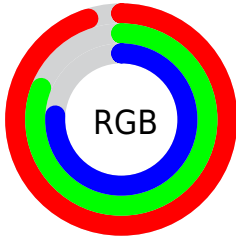
Format	Color
R _Y B	241, 211, 193
Decimal	15847105
CIE Lab	85.35, 10.28, 11.01
CIE LCh	85, 15.062, 46.947
Yxy	66.6936, 0.3496, 0.3431
Android (android.graphics.Color)	4294037185 (0xFFFF1CEC1)
YUV	214.9830, -10.8376, 22.8169
Hunter-Lab	81.6661, 5.6539, 13.7928

Details

The XYZ color **67.9726, 66.6936, 59.7427** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6125, 73.1735, 93.8855**, and the grayscale version is **64.6405, 68.0068, 74.0594**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **35.6556, 34.5109, 29.2081** is the 20% darker color. If you saturate the color by 10%, you get **61.5044, 57.7144, 45.3860**, and if you desaturate by 10%, it is **75.3555, 76.7999, 76.5672**.

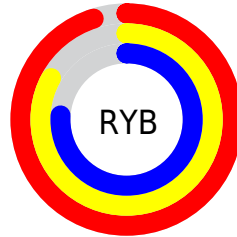
Distribution



Red (95%)

Green (81%)

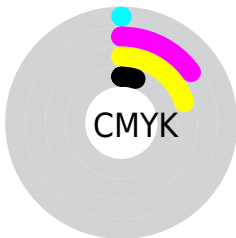
Blue (76%)



Red (95%)

Yellow (83%)

Blue (76%)

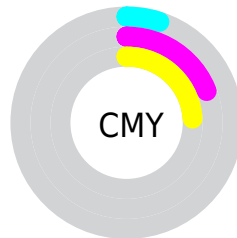


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9726, 66.6936, 59.7427 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 67.9726, 66.6936, 59.7427 by changing the saturation by 10% instead.


 67.9726, 66.6936,
59.7427

 67.9726, 66.6936,
59.7427

442.7772,
448.8534, 441.4270

 50.1490, 48.8357,
42.7873


 115.3551,
114.4813, 105.9960

 35.7501, 34.4891,
29.3881

145.6447,
145.1798, 136.1311

 24.4105, 23.2696,
19.1265


180.8204,
180.9273, 171.4965

 15.7648, 14.7927,
11.5840

221.2475,
222.1082, 212.5107

 9.4476, 8.6740,
6.3420

267.2913,
269.1068, 259.5923

 5.0937, 4.5292,
2.9820

319.3174,

 2.3377, 1.9738,

322.3076, 313.1599

1.0855

377.6908,
382.0950, 373.6319

■ 0.8138, 0.5922,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9726, 66.6936,
59.7427

■ 67.9726, 66.6936,
59.7427

■ 61.5044, 57.7144,
45.3860

■ 75.3555, 76.7999,
76.5672

■ 55.9087, 49.8137,
33.3761

■ 83.6822, 88.0617,
95.9642

■ 51.1481, 42.9527,
23.5882

■ 90.0859, 97.4409,
108.6677

■ 47.1802, 37.0869,
15.8838

■ 43.9584, 32.1680,
10.1092

■ 41.4308, 28.1439,
6.0886

■ 39.5380, 24.9562,
3.6138

■ 38.1926, 22.5326,
2.3420

■ 38.1831, 22.5152,
2.3334

Harmonies

Analogous

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



69.8714, 66.6936, 67.2810



67.9726, 66.6936, 59.7427



64.8827, 66.6936, 55.8183

Triad

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



67.9726, 66.6936, 59.7427



57.2151, 66.6936, 68.4588



65.3207, 66.6936, 92.1023

Complementary

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



67.9726, 66.6936, 59.7427



65.6125, 73.1735, 93.8855

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.



61.9209, 66.6936, 92.4897



67.9726, 66.6936, 59.7427



57.3228, 66.6936, 78.2300

Square

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



67.9726, 66.6936, 59.7427



58.7188, 66.6936, 60.5382



59.0186, 66.6936, 87.2217



68.3031, 66.6936, 86.2065

Rectangle

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



67.9726, 66.6936, 59.7427



62.6006, 66.6936, 55.5273



59.0186, 66.6936, 87.2217



64.1866, 66.6936, 92.8985

Sweetspot

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



67.9744, 66.6966, 59.7441



89.2277, 92.1417, 95.2869



69.3777, 62.4541, 81.9434



18.9679, 19.5453, 20.0921



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.



67.9744, 66.6966, 59.7441



74.0958, 71.4274, 60.8028



74.1432, 79.0342, 61.8003



16.1212, 16.4555, 16.4763



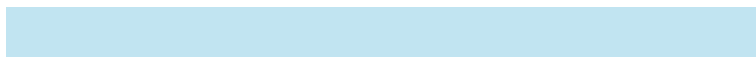
20.8011, 12.4002, 1.2971



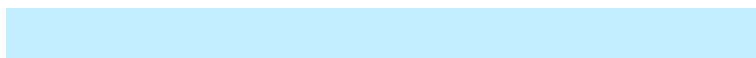
1.8101, 1.1909, 0.1345

Inverse Universe

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



65.6125, 73.1735, 93.8855



70.9436, 80.0565, 106.3211



59.5108, 60.9701, 91.8516



15.8641, 17.1624, 20.1981



17.1154, 20.4550, 48.1740



1.5058, 1.8655, 4.0349

Previews

White Background



This preview shows how the XYZ color 67.9726, 66.6936, 59.7427 looks on a white background.

Color Contrast Check

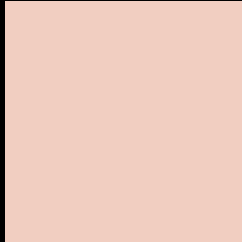
Large Text (above 18pt) WCAG AA × Fail

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 67.9726, 66.6936, 59.7427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

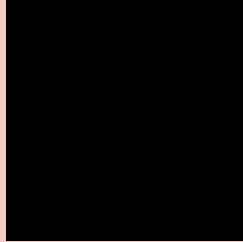
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9726, 66.6936, 59.7427

Background



This preview shows how black text looks on a background with the XYZ color 67.9726, 66.6936, 59.7427.



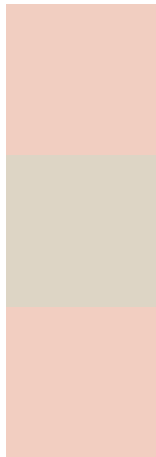
This preview shows how white text looks on a background with the XYZ color 67.9726, 66.6936,

59.7427.

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

67.9726, 66.6936, 59.7427

Protanopia

63.6911, 66.9919, 62.3972

Deuteranopia

68.3149, 66.8701, 59.7587



Tritanopia

71.0836, 66.5361, 75.4259

Trichromacy



Original Color

67.9726, 66.6936, 59.7427

Protanomaly

65.0053, 66.5727, 61.6482

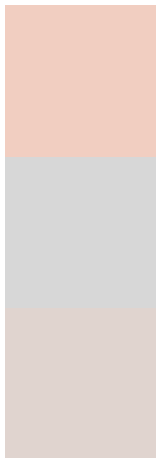
Deuteranomaly

68.3149, 66.8701, 59.7587

Tritanomaly

69.8267, 66.3700, 69.4520

Monochromacy



Original Color

67.9726, 66.6936, 59.7427

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.5464, 67.4393, 68.5939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9726, 66.6936, 59.7427 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(241, 206, 193) looks like.

```
.text, #text, p{  
    color:rgb(241, 206, 193)  
}
```

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(241, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 206, 193) }
```

Border

The CSS property to change the border of an element to XYZ 67.9726, 66.6936, 59.7427 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(241, 206, 193) }
```


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

```
.border{ border-color:rgb(241, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(241, 206,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9726, 66.6936, 59.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 206, 193) }
```

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

```
.background{ background-color: rgb(241,  
206, 193) }
```

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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