

Converting Colors

XYZ(59.5482, 60.5937, 42.0664)

Have a look what the booklet for
XYZ(59.5482, 60.5937, 42.0664)
contains.

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Color

**XYZ(59.7204, 60.7048,
42.2878)**

Conversions

Conversions Part 1	
Format	Color
Hex	E6C8A1
RGB	230, 200, 161
RGB Percent	90%, 78%, 63%
CMY	0.0980, 0.2157, 0.3686
CMYK	0.00, 0.13, 0.30, 0.10
HSL	34°, 58%, 77%
HSV	34°, 30%, 90%
XYZ	59.7204, 60.7048, 42.2878
YIQ	204.5240, 30.3990, -5.7690

Conversions

Conversions Part 2

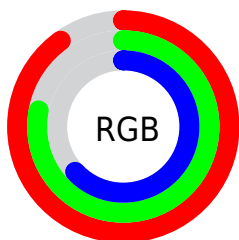
Format	Color
RYB	214, 230, 161
Decimal	15124641
CIELab	82.22, 4.89, 23.42
CIELCh	82, 23.929, 78.210
Yxy	60.7048, 0.3670, 0.3731
Android (android.graphics.Color)	4293314721 (0xFFE6C8A1)
YUV	204.5240, -21.4573, 22.3425
Hunter-Lab	77.9133, 0.4717, 22.3594

Details

The XYZ color 59.7204, 60.7048, 42.2878 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 47.6111, 50.5502, 82.1107, and the grayscale version is 57.8457, 60.8582, 66.2746.

A 20% lighter version of the original color is 89.3947, 97.7379, 79.1194, and 30.4948, 30.6606, 18.7788 is the 20% darker color. If you saturate the color by 10%, you get 55.6358, 55.4883, 31.8234, and if you desaturate by 10%, it is 64.3327, 66.3790, 54.7701.

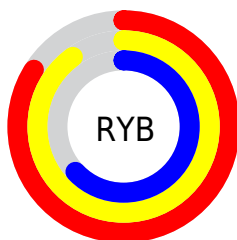
Distribution



Red (90%)

Green (78%)

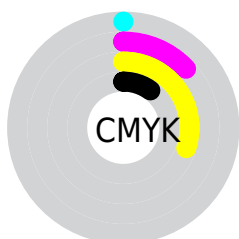
Blue (63%)



Red (84%)

Yellow (90%)

Blue (63%)

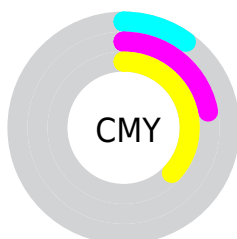


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (10%)



Cyan (10%)


Magenta (22%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7204, 60.7048, 42.2878 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 59.7204, 60.7048, 42.2878 by changing the saturation by 10% instead.


 59.7204, 60.7048,
42.2878


 59.7204, 60.7048,
42.2878


413.4177,
427.1908, 371.5094

 43.4419, 43.9870,
28.9995


 103.5326,
105.8514, 79.9098

 30.4280, 30.6603,
18.8348


 131.7971,
135.0490, 105.0805

 20.3134, 20.3403,
11.3754


164.7875,
169.1752, 135.0492

 12.7326, 12.6426,
6.2026

202.8694,
208.6146, 170.2342

 7.3204, 7.1829,
2.8979

246.4080,
253.7514, 211.0542

 3.7114, 3.5768,
1.0427


295.7686,


 1.5402, 1.4398,


304.9701, 257.9277


0.0000


351.3168,
362.6551, 311.2733


 0.3529, 0.2457,
0.0000


 0.0000, 0.0000,
0.0000


 59.7204, 60.7048,
42.2878


 59.7204, 60.7048,
42.2878


 55.6358, 55.4883,
31.8234


 64.3327, 66.3790,
54.7701


 52.0509, 50.7072,
23.2643


 69.4897, 72.5158,
69.3670


 48.9418, 46.3494,
16.4924


 75.2133, 79.1303,
86.1737

 46.2804, 42.3988,
11.3750


 81.5228, 86.2346,
105.2782


 44.0350, 38.8376,
7.7605

 84.8679, 92.4125,
107.9721

 42.1683, 35.6458,
5.4685

 86.4431, 95.5630,
108.4972

 40.6182, 32.7931,
4.1889

 40.6181, 32.7929,
4.1889

Harmonies

Analogous

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



64.4667, 60.7048, 47.3298



59.7204, 60.7048, 42.2878



54.6945, 60.7048, 42.8936

Triad

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



59.7204, 60.7048, 42.2878



48.8945, 60.7048, 75.2455



65.3044, 60.7048, 86.5833

Complementary

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



59.7204, 60.7048, 42.2878



47.6111, 50.5502, 82.1107

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.



60.8097, 60.7048, 96.4462



59.7204, 60.7048, 42.2878



51.4207, 60.7048, 89.2666

Square

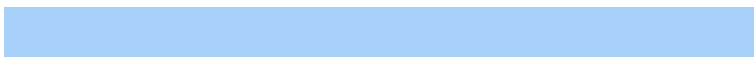
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.7204, 60.7048, 42.2878



48.6410, 60.7048, 60.5356



55.7220, 60.7048, 97.4947



67.8150, 60.7048, 71.9895

Rectangle

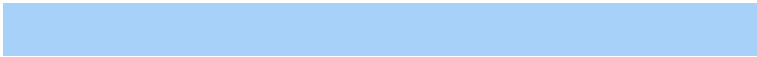
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.7204, 60.7048, 42.2878



51.8556, 60.7048, 46.4347



55.7220, 60.7048, 97.4947



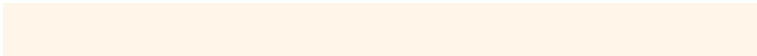
63.9637, 60.7048, 90.6488

Sweetspot

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



59.7220, 60.7076, 42.2891



88.4721, 92.4081, 89.5547



54.8984, 46.1214, 55.9076



18.7210, 19.5265, 18.5456



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.



59.7220, 60.7076, 42.2891



72.1932, 72.5602, 44.9449



66.2668, 75.4247, 44.7848



15.0497, 15.7132, 15.1442



23.1195, 18.8131, 2.4128



1.8004, 1.5742, 0.2090

Inverse Universe

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



47.6111, 50.5502, 82.1107



54.5762, 57.7897, 102.8858



42.4313, 39.1442, 80.1821



14.0956, 14.9127, 18.2798



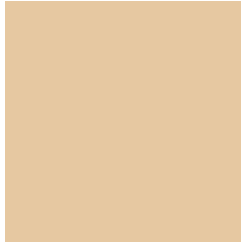
10.7819, 8.6259, 43.4799



0.8877, 0.8194, 3.2433

Previews

White Background



This preview shows how the XYZ color 59.7204, 60.7048, 42.2878 looks on a white background.

Color Contrast Check

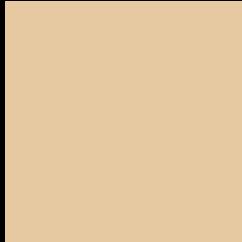
Large Text (above 18pt) WCAG AA × Fail

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 59.7204, 60.7048, 42.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

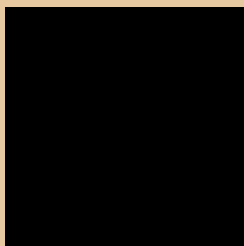
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7204, 60.7048, 42.2878

Background



This preview shows how black text looks on a background with the XYZ color 59.7204, 60.7048, 42.2878.



This preview shows how white text looks on a background with the XYZ color 59.7204, 60.7048,

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

59.7204, 60.7048, 42.2878

Protanopia

56.8190, 60.5818, 43.3491

Deuteranopia

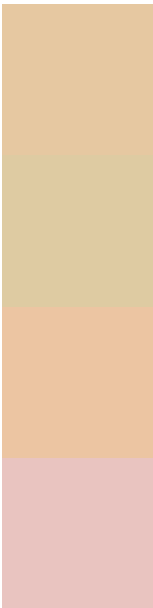
61.8581, 60.4392, 42.5881



Tritanopia

64.8395, 60.4055, 68.5636

Trichromacy



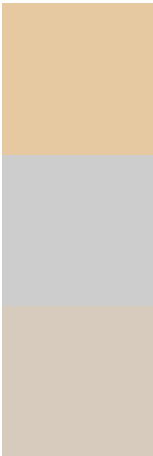
Original Color
59.7204, 60.7048, 42.2878

Protanomaly
58.0017, 60.8501, 42.8706

Deuteranomaly
61.0799, 60.3740, 42.6165

Tritanomaly
62.8586, 60.6093, 58.2549

Monochromacy



Original Color
59.7204, 60.7048, 42.2878

Achromatopsia
58.0276, 61.0496, 66.4830

Achromatomaly
58.2728, 60.6821, 56.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7204, 60.7048, 42.2878 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(230, 200, 161)` looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 161)  
}
```

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(230, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 161) }
```

Border

The CSS property to change the border of an element to XYZ 59.7204, 60.7048, 42.2878 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(230, 200, 161) }
```


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

```
.border{ border-color:rgb(230, 200, 161) }
```

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

Here you see how a box with a 4 pixel rgb(230, 200, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 161);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7204, 60.7048, 42.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 200, 161) }
```

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

```
.background{ background-color: rgb(230,  
200, 161) }
```

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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