

Converting Colors

XYZ(60.7532, 65.6307, 42.4144)

Have a look what the booklet for
XYZ(60.7532, 65.6307, 42.4144)
contains.

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Color

**XYZ(60.5420, 65.4375,
42.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D49F
RGB	224, 212, 159
RGB Percent	88%, 83%, 62%
CMY	0.1216, 0.1686, 0.3765
CMYK	0.00, 0.05, 0.29, 0.12
HSL	49°, 51%, 75%
HSV	49°, 29%, 88%
XYZ	60.5420, 65.4375, 42.2407
YIQ	209.5460, 24.1650, -13.9390

Conversions

Conversions Part 2

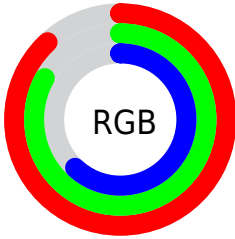
Format	Color
RYB	174, 224, 159
Decimal	14734495
CIELab	84.71, -3.88, 27.77
CIELCh	85, 28.040, 97.961
Yxy	65.4375, 0.3599, 0.3890
Android (android.graphics.Color)	4292924575 (0xFFE0D49F)
YUV	209.5460, -24.9192, 12.6762
Hunter-Lab	80.8934, -7.9712, 25.6655

Details

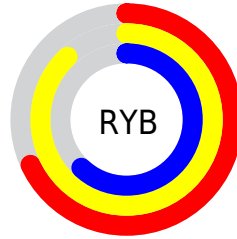
The XYZ color **60.5420, 65.4375, 42.2407** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3153, 41.8775, 76.3741**, and the grayscale version is **61.1094, 64.2918, 70.0138**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **31.0292, 33.8401, 18.8063** is the 20% darker color. If you saturate the color by 10%, you get **57.7521, 62.6915, 32.5743**, and if you desaturate by 10%, it is **63.7140, 68.3833, 53.7739**.

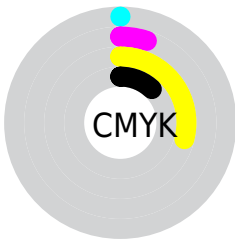
Distribution



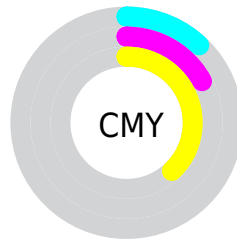
- Red (88%)
- Green (83%)
- Blue (62%)



- Red (68%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5420, 65.4375, 42.2407 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 60.5420, 65.4375, 42.2407 by changing the saturation by 10% instead.

60.5420, 65.4375,
42.2407

60.5420, 65.4375,
42.2407

416.3955,
444.3625, 371.3088

44.1068, 47.8159,
28.9628

104.7174,
112.6786, 79.8378

30.9527, 33.6811,
18.8074

133.1883,
143.0669, 104.9941

20.7145, 22.6487,
11.3558

166.4017,
178.4796, 134.9470

13.0267, 14.3344,
6.1895

204.7232,
219.3011, 170.1150

7.5241, 8.3536,
2.8900

248.5179,
265.9157, 210.9166

3.8412, 4.3220,
1.0387

298.1513,

1.6127, 1.8553,

318.7079, 257.7705

0.0000

353.9887,
378.0620, 311.0950

■ 0.4007, 0.5213,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5420, 65.4375,
42.2407

■ 60.5420, 65.4375,
42.2407

■ 57.7521, 62.6915,
32.5743

■ 63.7140, 68.3833,
53.7739

■ 55.3201, 60.1284,
24.6702

■ 67.2808, 71.5273,
67.2624

■ 53.2266, 57.7424,
18.4199

■ 71.2609, 74.8796,
82.7943

■ 51.4481, 55.5238,
13.7014

■ 75.6697, 78.4466,
100.4510

■ 49.9582, 53.4616,
10.3756

■ 77.8372, 81.1607,
106.1709

■ 48.7254, 51.5431,
8.2780

■ 79.0191, 83.5243,
106.5648

■ 47.7006, 49.7482,
7.1515

■ 80.2284, 85.9431,
106.9679

■ 47.6049, 49.5759,
7.0601

■ 81.4656, 88.4174,
107.3803

■ 82.7307, 90.9476,
107.8020

Harmonies

Analogous

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



66.8296, 65.4375, 43.8049



60.5420, 65.4375, 42.2407



55.0731, 65.4375, 47.3532

Triad

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



60.5420, 65.4375, 42.2407



53.1694, 65.4375, 94.6622



74.0507, 65.4375, 85.0036

Complementary

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



60.5420, 65.4375, 42.2407



42.3153, 41.8775, 76.3741

Split Complementary

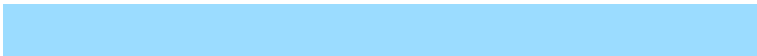
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9088, 65.4375, 102.0776



60.5420, 65.4375, 42.2407



57.7825, 65.4375, 108.2745

Square

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



60.5420, 65.4375, 42.2407



51.0071, 65.4375, 76.1387



63.8806, 65.4375, 111.1946



74.9129, 65.4375, 66.5758

Rectangle

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



60.5420, 65.4375, 42.2407



52.5287, 65.4375, 54.4625



63.8806, 65.4375, 111.1946



72.9830, 65.4375, 91.1757

Sweetspot

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



60.5437, 65.4405, 42.2421



90.2364, 95.9366, 90.1428



50.5856, 43.6229, 44.7845



19.1570, 20.3984, 18.6910



0.0000, 0.0000, 0.0000



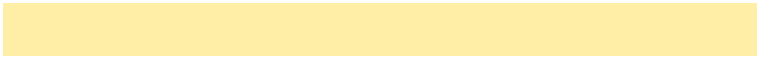
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5437, 65.4405, 42.2421



78.8291, 85.4622, 48.2974



57.9533, 68.7230, 43.0122



14.6455, 15.5769, 14.5415



27.7880, 29.0139, 4.1357



1.9826, 2.1241, 0.3055

Inverse Universe

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



42.3153, 41.8775, 76.3741



50.4965, 48.8460, 101.3745



44.3285, 39.7032, 75.8484



13.1556, 13.6504, 17.3291



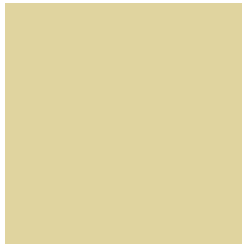
8.3608, 4.1911, 41.4167



0.6399, 0.4112, 2.8909

Previews

White Background



This preview shows how the XYZ color 60.5420, 65.4375, 42.2407 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 60.5420, 65.4375, 42.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

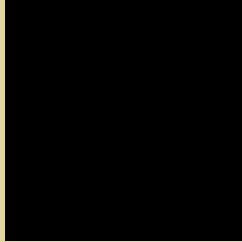
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5420, 65.4375, 42.2407

Background



This preview shows how black text looks on a background with the XYZ color 60.5420, 65.4375, 42.2407.



This preview shows how white text looks on a background with the XYZ color 60.5420, 65.4375,

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

60.5420, 65.4375, 42.2407

Protanopia

60.9163, 65.2605, 42.1868

Deuteranopia

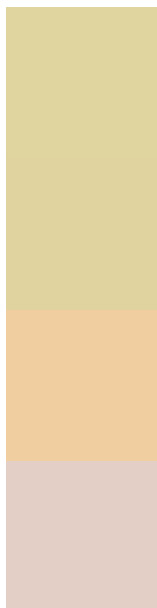
66.8559, 65.4248, 42.8228



Tritanopia

67.4661, 65.3420, 76.7666

Trichromacy



Original Color

60.5420, 65.4375, 42.2407

Protanomaly

60.6036, 65.0993, 42.1722

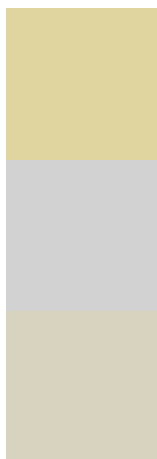
Deuteranomaly

64.3517, 65.2059, 42.4520

Tritanomaly

64.5008, 65.1968, 62.6108

Monochromacy



Original Color

60.5420, 65.4375, 42.2407

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7226, 64.7972, 58.5969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5420, 65.4375, 42.2407 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(224, 212, 159)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 159)  
}
```

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(224, 212, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 159) }
```

Border

The CSS property to change the border of an element to XYZ 60.5420, 65.4375, 42.2407 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(224, 212, 159) }
```


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

```
.border{ border-color:rgb(224, 212, 159) }
```

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

Here you see how a box with a 4 pixel rgb(224, 212, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 159);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5420, 65.4375, 42.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 159) }
```

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

```
.background{ background-color: rgb(224,  
212, 159) }
```

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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