

Converting Colors

XYZ(61.1814, 57.4133, 42.7427)

Have a look what the booklet for
XYZ(61.1814, 57.4133, 42.7427)
contains.

XYZ(61.3020, 57.5240, 42.9942)	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(61.3020, 57.5240,
42.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BCA4
RGB	242, 188, 164
RGB Percent	95%, 74%, 64%
CMY	0.0510, 0.2627, 0.3569
CMYK	0.00, 0.22, 0.32, 0.05
HSL	18°, 75%, 80%
HSV	18°, 32%, 95%
XYZ	61.3020, 57.5240, 42.9942
YIQ	201.4100, 39.8880, 3.9840

Conversions

Conversions Part 2

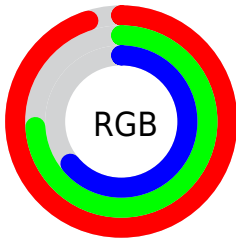
Format	Color
R _Y B	242, 199, 164
Decimal	15908004
CIE Lab	80.47, 16.16, 19.61
CIE LCh	80, 25.410, 50.494
Yxy	57.5240, 0.3788, 0.3555
Android (android.graphics.Color)	4294098084 (0xFFF2BCA4)
YUV	201.4100, -18.4431, 35.5974
Hunter-Lab	75.8446, 11.5461, 19.4813

Details

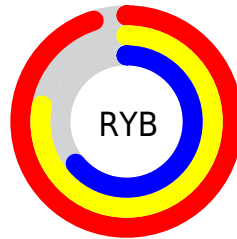
The XYZ color **61.3020, 57.5240, 42.9942** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.4074, 64.4440, 93.4705**, and the grayscale version is **55.8666, 58.7761, 64.0071**.

A 20% lighter version of the original color is **86.3769, 91.0758, 80.0447**, and **31.5962, 28.8121, 19.2252** is the 20% darker color. If you saturate the color by 10%, you get **55.9479, 49.9867, 31.4339**, and if you desaturate by 10%, it is **67.4904, 66.0639, 56.8854**.

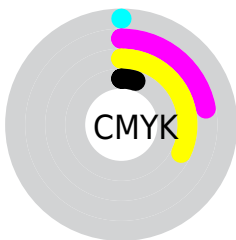
Distribution



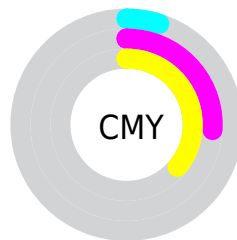
- Red (95%)
- Green (74%)
- Blue (64%)



- Red (95%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3020, 57.5240, 42.9942 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 61.3020, 57.5240, 42.9942 by changing the saturation by 10% instead.


 61.3020, 57.5240,
42.9942


 61.3020, 57.5240,
42.9942


419.1387,
415.4099, 374.5084

 44.7224, 41.4261,
29.5492


 105.8117,
101.2294, 80.9884

 31.4392, 28.6522,
19.2475


 134.4726,
129.6056, 106.3746

 21.0870, 18.8179,
11.6707


167.8912,
162.8434, 136.5784

 13.3004, 11.5387,
6.4000

206.4330,
201.3272, 172.0181

 7.7142, 6.4304,
3.0171

250.4633,
245.4414, 213.1125

 3.9629, 3.1085,
1.1034

300.3474,

 1.6811, 1.1887,

295.5703, 260.2800

0.0000

356.4508,
352.0983, 313.9391

■ 0.4444, 0.0524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3020, 57.5240,
42.9942

■ 61.3020, 57.5240,
42.9942

■ 55.9479, 49.9867,
31.4339

■ 67.4904, 66.0639,
56.8854

■ 51.3858, 43.4061,
22.0716

■ 74.5439, 75.6340,
73.2232

■ 47.5762, 37.7446,
14.7665

■ 82.4971, 86.2708,
92.1197

■ 44.4742, 32.9589,
9.3596

■ 90.4280, 97.6173,
108.6837

■ 42.0290, 29.0016,
5.6683

■ 40.1821, 25.8200,
3.4732

■ 39.0988, 23.8388,
2.5406

Harmonies

Analogous

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



64.6110, 57.5240, 53.1118



61.3020, 57.5240, 42.9942



56.3468, 57.5240, 38.3744

Triad

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



61.3020, 57.5240, 42.9942



45.3733, 57.5240, 58.0120



58.2596, 57.5240, 93.5529

Complementary

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



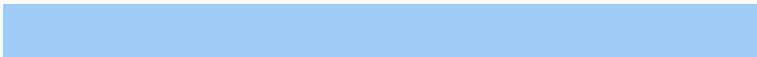
61.3020, 57.5240, 42.9942



56.4074, 64.4440, 93.4705

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.



53.0363, 57.5240, 95.4243



61.3020, 57.5240, 42.9942



45.8135, 57.5240, 73.2310

Square

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



61.3020, 57.5240, 42.9942



47.3004, 57.5240, 46.0903



48.5434, 57.5240, 87.4945



62.7785, 57.5240, 82.7266

Rectangle

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



61.3020, 57.5240, 42.9942



52.8695, 57.5240, 38.4365



48.5434, 57.5240, 87.4945



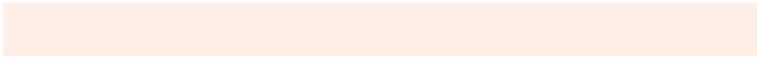
56.5208, 57.5240, 95.3104

Sweetspot

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



61.3035, 57.5267, 42.9954



85.8378, 87.7151, 86.9019



62.6274, 50.5222, 73.1934



18.1135, 18.4261, 17.9896



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.



61.3035, 57.5267, 42.9954



64.7946, 58.8288, 39.1931



70.6244, 76.1684, 46.1023



16.1696, 16.5522, 16.4924



21.1102, 13.0185, 1.4002



1.8411, 1.2528, 0.1448

Inverse Universe

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



56.4074, 64.4440, 93.4705



58.4349, 67.7662, 104.6081



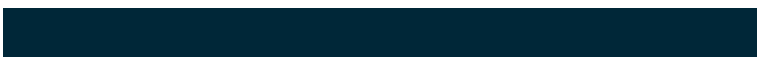
47.5780, 46.7852, 90.5274



15.8130, 17.0602, 20.1811



16.2116, 18.6475, 47.8728



1.4364, 1.7267, 4.0118

Previews

White Background



This preview shows how the XYZ color 61.3020, 57.5240, 42.9942 looks on a white background.

Color Contrast Check

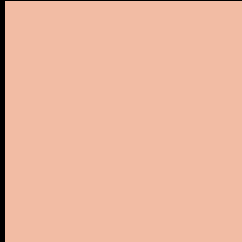
Large Text (above 18pt) WCAG AA × Fail

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 61.3020, 57.5240, 42.9942 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 61.3020, 57.5240, 42.9942

Background



This preview shows how black text looks on a background with the XYZ color 61.3020, 57.5240, 42.9942.



This preview shows how white text looks on a background with the XYZ color 61.3020, 57.5240,

42.9942.

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

61.3020, 57.5240, 42.9942

Protanopia

54.2575, 57.4508, 46.2596

Deuteranopia

58.7392, 57.4994, 42.6529



Tritanopia

65.0176, 57.4910, 60.4934

Trichromacy



Original Color

61.3020, 57.5240, 42.9942

Protanomaly

56.7072, 57.3870, 45.1338

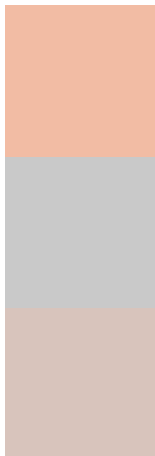
Deuteranomaly

59.8337, 57.7388, 42.6415

Tritanomaly

63.7621, 57.6132, 53.6588

Monochromacy



Original Color

61.3020, 57.5240, 42.9942

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1359, 57.7096, 55.7046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3020, 57.5240, 42.9942 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(242, 188, 164) looks like.

```
.text, #text, p{  
    color:rgb(242, 188, 164)  
}
```

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(242, 188, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 188, 164) }
```

Border

The CSS property to change the border of an element to XYZ 61.3020, 57.5240, 42.9942 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(242, 188, 164) }
```


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

```
.border{ border-color:rgb(242, 188, 164) }
```

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

Here you see how a box with a 4 pixel rgb(242, 188, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 188, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 188, 164);  
box-shadow:4px 4px 4px 4px rgb(242, 188,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3020, 57.5240, 42.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 188, 164) }
```

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

```
.background{ background-color: rgb(242,  
188, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor