

Converting Colors

XYZ(62.6344, 58.6160, 42.4441)

Have a look what the booklet for
XYZ(62.6344, 58.6160, 42.4441)
contains.

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Color

**XYZ(62.4646, 58.4520,
42.6405)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BDA3
RGB	245, 189, 163
RGB Percent	96%, 74%, 64%
CMY	0.0392, 0.2588, 0.3608
CMYK	0.00, 0.23, 0.33, 0.04
HSL	19°, 80%, 80%
HSV	19°, 33%, 96%
XYZ	62.4646, 58.4520, 42.6405
YIQ	202.7800, 41.7220, 3.7860

Conversions

Conversions Part 2

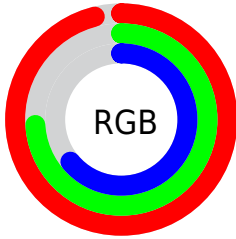
Format	Color
R _Y B	245, 201, 163
Decimal	16104867
CIE Lab	80.99, 16.65, 20.90
CIE LCh	81, 26.723, 51.448
Yxy	58.4520, 0.3819, 0.3574
Android (android.graphics.Color)	4294294947 (0xFFF5BDA3)
YUV	202.7800, -19.6115, 37.0269
Hunter-Lab	76.4539, 12.0443, 20.4500

Details

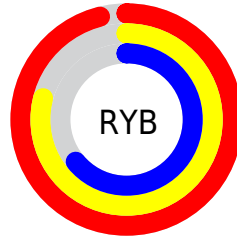
The XYZ color **62.4646, 58.4520, 42.6405** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.9163, 65.0399, 95.9403**, and the grayscale version is **56.7288, 59.6831, 64.9949**.

A 20% lighter version of the original color is **86.5473, 91.6268, 79.4539**, and **32.1669, 29.3208, 19.0030** is the 20% darker color. If you saturate the color by 10%, you get **57.0852, 50.8723, 31.0462**, and if you desaturate by 10%, it is **68.6875, 67.0377, 56.6151**.

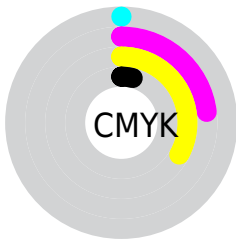
Distribution



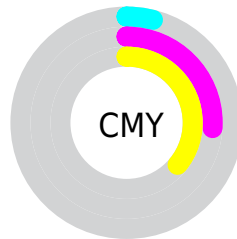
- Red (96%)
- Green (74%)
- Blue (64%)



- Red (96%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4646, 58.4520, 42.6405 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 62.4646, 58.4520, 42.6405 by changing the saturation by 10% instead.


 62.4646, 58.4520,
42.6405


 62.4646, 58.4520,
42.6405


423.3144,
418.8681, 373.0089

 45.6652, 42.1721,
29.2738


 107.4829,
102.5808, 80.4486

 32.1852, 29.2361,
19.0407


 136.4325,
131.1985, 105.7271

 21.6593, 19.2595,
11.5226


170.1629,
164.6976, 135.8134

 13.7219, 11.8579,
6.3009

209.0395,
203.4625, 171.1258

 8.0079, 6.6470,
2.9572

253.4276,
247.8776, 212.0831

 4.1519, 3.2423,
1.0728

303.6925,

 1.7884, 1.2595,

298.3273, 259.1036

0.0000

360.1997,
355.1960, 312.6061

■ 0.5107, 0.1095,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4646, 58.4520,
42.6405

■ 62.4646, 58.4520,
42.6405

■ 57.0852, 50.8723,
31.0462

■ 68.6875, 67.0377,
56.6151

■ 52.5059, 44.2522,
21.6943

■ 75.7854, 76.6568,
73.0904

■ 48.6864, 38.5541,
14.4377

■ 83.7936, 87.3461,
92.1826

■ 45.5804, 33.7342,
9.1103

■ 91.4662, 98.1525,
108.7323

■ 43.1356, 29.7448,
5.5203

■ 41.2910, 26.5324,
3.4353

■ 40.3592, 24.8185,
2.6633

Harmonies

Analogous

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



66.0746, 58.4520, 53.1266



62.4646, 58.4520, 42.6405



57.1562, 58.4520, 37.9886

Triad

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



62.4646, 58.4520, 42.6405



45.6734, 58.4520, 59.2141



59.5443, 58.4520, 96.4765

Complementary

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



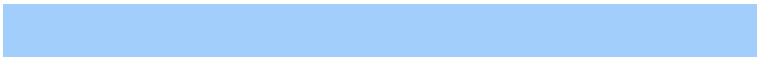
62.4646, 58.4520, 42.6405



56.9163, 65.0399, 95.9403

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.



53.9876, 58.4520, 98.8362



62.4646, 58.4520, 42.6405



46.2191, 58.4520, 75.4659

Square

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



62.4646, 58.4520, 42.6405



47.6346, 58.4520, 46.4596



49.1782, 58.4520, 90.6123



64.3121, 58.4520, 84.6166

Rectangle

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



62.4646, 58.4520, 42.6405



53.4690, 58.4520, 38.1788



49.1782, 58.4520, 90.6123



57.6984, 58.4520, 98.4774

Sweetspot

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



62.4661, 58.4548, 42.6417



85.9072, 87.8539, 86.9250



63.5443, 50.7237, 73.4827



18.1302, 18.4596, 17.9952



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.



62.4661, 58.4548, 42.6417



64.4116, 58.4036, 38.0151



72.5548, 78.6321, 46.0046



16.9280, 17.3402, 17.2523



21.8519, 13.5894, 1.4713



2.0091, 1.3715, 0.1588

Inverse Universe

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



56.9163, 65.0399, 95.9403



57.4817, 66.5820, 104.4297



47.5133, 46.2339, 92.8060



16.5277, 17.8196, 21.1110



16.4831, 18.7601, 49.2903



1.5408, 1.8331, 4.3628

Previews

White Background



This preview shows how the XYZ color 62.4646, 58.4520, 42.6405 looks on a white background.

Color Contrast Check

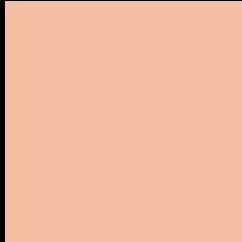
Large Text (above 18pt) WCAG AA × Fail

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 62.4646, 58.4520, 42.6405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

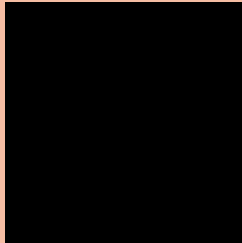
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4646, 58.4520, 42.6405

Background



This preview shows how black text looks on a background with the XYZ color 62.4646, 58.4520, 42.6405.



This preview shows how white text looks on a background with the XYZ color 62.4646, 58.4520,

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

62.4646, 58.4520, 42.6405

Protanopia

55.1995, 58.6349, 45.9445

Deuteranopia

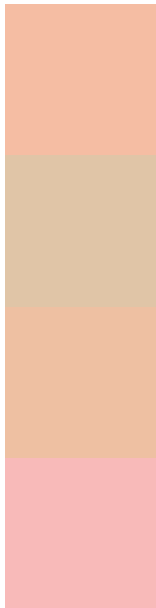
59.5232, 58.2410, 42.2868



Tritanopia

66.4005, 58.4979, 61.2176

Trichromacy



Original Color

62.4646, 58.4520, 42.6405

Protanomaly

57.6818, 58.5698, 44.8242

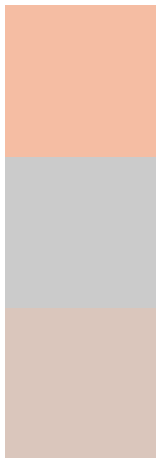
Deuteranomaly

60.6311, 58.4851, 42.2756

Tritanomaly

65.0273, 58.5771, 53.7781

Monochromacy



Original Color

62.4646, 58.4520, 42.6405

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.1846, 58.9244, 55.8838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4646, 58.4520, 42.6405 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(245, 189, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 189, 163)  
}
```

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(245, 189, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 189, 163) }
```

Border

The CSS property to change the border of an element to XYZ 62.4646, 58.4520, 42.6405 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(245, 189, 163) }
```


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

```
.border{ border-color:rgb(245, 189, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 189, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 189, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 189, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 189,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4646, 58.4520, 42.6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 189, 163) }
```

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

```
.background{ background-color: rgb(245,  
189, 163) }
```

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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