

Converting Colors

XYZ(62.9208, 61.6300, 44.1768)

Have a look what the booklet for
XYZ(62.9208, 61.6300, 44.1768)
contains.

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Color

**XYZ(62.9208, 61.6300,
44.1768)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C6A5
RGB	240, 198, 165
RGB Percent	94%, 78%, 65%
CMY	0.0588, 0.2235, 0.3529
CMYK	0.00, 0.17, 0.31, 0.06
HSL	26°, 71%, 79%
HSV	26°, 31%, 94%
XYZ	62.9208, 61.6300, 44.1768
YIQ	206.7960, 35.6250, -1.3590

Conversions

Conversions Part 2

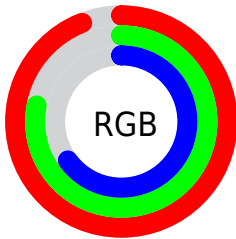
Format	Color
R _Y B	240, 224, 165
Decimal	15779493
CIE Lab	82.72, 10.27, 22.14
CIE LCh	83, 24.404, 65.121
Yxy	61.6300, 0.3729, 0.3653
Android (android.graphics.Color)	4293969573 (0xFFFF0C6A5)
YUV	206.7960, -20.6054, 29.1199
Hunter-Lab	78.5048, 5.6826, 21.5892

Details

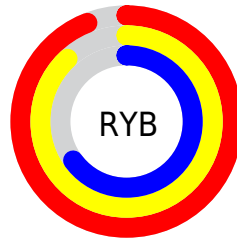
The XYZ color **62.9208, 61.6300, 44.1768** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.5575, 58.9145, 90.9872**, and the grayscale version is **59.2905, 62.3783, 67.9299**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **32.4823, 31.2061, 19.9342** is the 20% darker color. If you saturate the color by 10%, you get **58.0017, 54.9657, 32.7523**, and if you desaturate by 10%, it is **68.5256, 69.0092, 57.8535**.

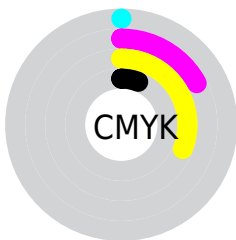
Distribution



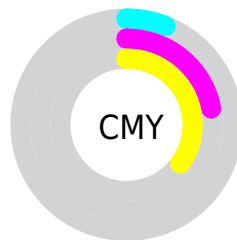
- Red (94%)
- Green (78%)
- Blue (65%)



- Red (94%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (6%)




- Cyan (6%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9208, 61.6300, 44.1768 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 62.9208, 61.6300, 44.1768 by changing the saturation by 10% instead.


 62.9208, 61.6300,
44.1768


 62.9208, 61.6300,
44.1768


424.9462,
430.5802, 379.4917

 46.0355, 44.7338,
30.4713


 108.1377,
107.1906, 82.7890

 32.4786, 31.2478,
19.9415


 137.2000,
136.6238, 108.5328

 21.8846, 20.7876,
12.1689


171.0521,
171.0048, 139.1265

 13.8883, 12.9688,
6.7349

210.0593,
210.7179, 174.9886

 8.1242, 7.4071,
3.2209

254.5870,
256.1476, 216.5376

 4.2270, 3.7180,
1.2085

305.0005,

 1.8313, 1.5171,

307.6783, 264.1921

0.0000

361.6651,
365.6944, 318.3706

■ 0.5364, 0.3007,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9208, 61.6300,
44.1768

■ 62.9208, 61.6300,
44.1768

■ 58.0017, 54.9657,
32.7523

■ 68.5256, 69.0092,
57.8535

■ 53.7335, 48.9843,
23.4530

■ 74.8393, 77.1166,
73.8925

■ 50.0853, 43.6639,
16.1445

■ 81.8898, 85.9762,
92.4011

■ 47.0210, 38.9780,
10.6757

■ 88.7203, 95.2153,
108.3101

■ 44.5002, 34.8974,
6.8732

■ 89.7453, 97.2653,
108.6517

■ 42.4757, 31.3896,
4.5296

■ 41.0498, 28.7543,
3.3866

Harmonies

Analogous

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



67.2141, 61.6300, 51.8305



62.9208, 61.6300, 44.1768



57.6824, 61.6300, 42.2651

Triad

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



62.9208, 61.6300, 44.1768



49.1014, 61.6300, 69.7142



64.5693, 61.6300, 93.5916

Complementary

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



62.9208, 61.6300, 44.1768



53.5575, 58.9145, 90.9872

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.



59.4817, 61.6300, 100.1557



62.9208, 61.6300, 44.1768



50.7143, 61.6300, 85.1183

Square

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



62.9208, 61.6300, 44.1768



49.9014, 61.6300, 55.6788



54.4388, 61.6300, 96.8449



68.2050, 61.6300, 79.9955

Rectangle

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



62.9208, 61.6300, 44.1768



54.4020, 61.6300, 44.2158



54.4388, 61.6300, 96.8449



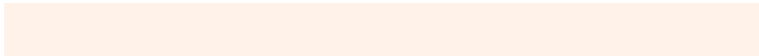
62.9613, 61.6300, 96.7791

Sweetspot

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



62.9224, 61.6329, 44.1781



87.6092, 90.6823, 89.2671



60.7145, 49.9657, 65.7974



18.5086, 19.1017, 18.4748



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.



62.9224, 61.6329, 44.1781



68.8027, 66.1418, 42.6970



72.4354, 80.6589, 47.3491



16.3452, 16.9035, 16.5509



22.5988, 15.9956, 1.8964



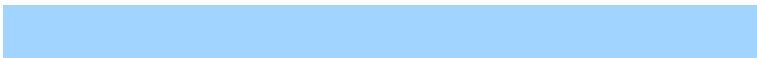
1.9775, 1.5256, 0.1902

Inverse Universe

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



53.5575, 58.9145, 90.9872



56.5926, 62.5910, 103.7063



45.6206, 43.0408, 88.3416



15.6315, 16.6971, 20.1206



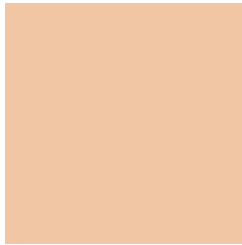
13.4406, 13.1055, 46.9491



1.2171, 1.2882, 3.9387

Previews

White Background



This preview shows how the XYZ color 62.9208, 61.6300, 44.1768 looks on a white background.

Color Contrast Check

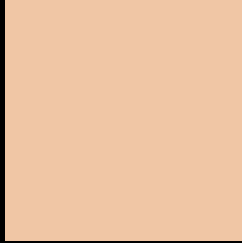
Large Text (above 18pt) WCAG AA × Fail

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 62.9208, 61.6300, 44.1768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

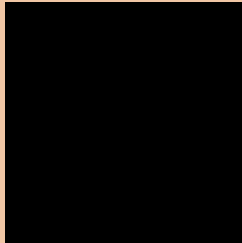
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9208, 61.6300, 44.1768

Background



This preview shows how black text looks on a background with the XYZ color 62.9208, 61.6300, 44.1768.



This preview shows how white text looks on a background with the XYZ color 62.9208, 61.6300,

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

62.9208, 61.6300, 44.1768

Protanopia

58.1462, 61.9126, 46.4218

Deuteranopia

62.9208, 61.6300, 44.1768



Tritanopia

67.7683, 61.6167, 67.3529

Trichromacy



Original Color

62.9208, 61.6300, 44.1768

Protanomaly

59.7878, 61.7078, 45.8054

Deuteranomaly

62.9208, 61.6300, 44.1768

Tritanomaly

65.7684, 61.4440, 58.2627

Monochromacy



Original Color

62.9208, 61.6300, 44.1768

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3207, 62.0516, 58.6671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9208, 61.6300, 44.1768 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(240, 198, 165)` looks like.

```
.text, #text, p{  
    color:rgb(240, 198, 165)  
}
```

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(240, 198, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 198, 165) }
```

Border

The CSS property to change the border of an element to XYZ 62.9208, 61.6300, 44.1768 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(240, 198, 165) }
```


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

```
.border{ border-color:rgb(240, 198, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 198, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 198, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 198, 165);  
box-shadow:4px 4px 4px 4px rgb(240, 198,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9208, 61.6300, 44.1768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 198, 165) }
```

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

```
.background{ background-color: rgb(240,  
198, 165) }
```

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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