

Converting Colors

XYZ(69.5354, 70.5560, 72.2419)

Have a look what the booklet for
XYZ(69.5354, 70.5560, 72.2419)
contains.

XYZ(69.4628, 70.5101, 72.2361)	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(69.4628, 70.5101,
72.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D7D4
RGB	232, 215, 212
RGB Percent	91%, 84%, 83%
CMY	0.0902, 0.1568, 0.1686
CMYK	0.00, 0.07, 0.09, 0.09
HSL	9°, 30%, 87%
HSV	9°, 9%, 91%
XYZ	69.4628, 70.5101, 72.2361
YIQ	219.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

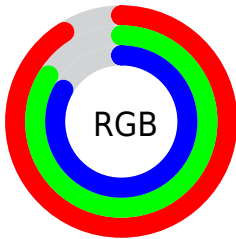
Format	Color
R _Y B	232, 216, 212
Decimal	15259604
CIE Lab	87.25, 5.35, 3.58
CIE LCh	87, 6.434, 33.788
Yxy	70.5101, 0.3273, 0.3323
Android (android.graphics.Color)	4293449684 (0xFFE8D7D4)
YUV	219.7410, -3.8163, 10.7511
Hunter-Lab	83.9703, 0.7127, 7.7745

Details

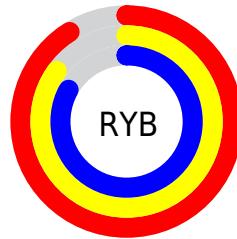
The XYZ color **69.4628, 70.5101, 72.2361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7360, 75.8606, 87.3118**, and the grayscale version is **67.8689, 71.4034, 77.7583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5611, 36.8060, 37.0756** is the 20% darker color. If you saturate the color by 10%, you get **62.0230, 59.9818, 56.3399**, and if you desaturate by 10%, it is **77.9321, 82.4228, 90.5518**.

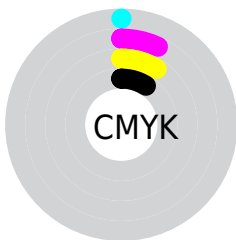
Distribution



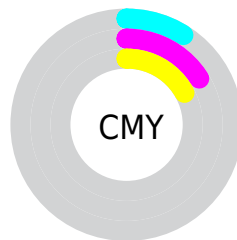
- Red (91%)
- Green (84%)
- Blue (83%)



- Red (91%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4628, 70.5101, 72.2361 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 69.4628, 70.5101, 72.2361 by changing the saturation by 10% instead.

69.4628, 70.5101,
72.2361

69.4628, 70.5101,
72.2361

447.9574,
462.3390, 487.3626

51.3667, 51.9425,
52.8635

117.4728,
119.9359, 124.1030

36.7228, 36.9592,
37.3069

148.1174,
151.5629, 157.4344

25.1656, 25.1759,
25.1475

183.6756,
188.3118, 196.2559

16.3299, 16.2082,
15.9670

224.5127,
230.5670, 240.9859

9.8502, 9.6716,
9.3467

270.9941,
278.7130, 292.0430

5.3613, 5.1818,
4.8681

323.4851,

2.4977, 2.3543,

333.1340, 349.8458

2.1127

382.3511,
394.2146, 414.8128

■ 0.8941, 0.8022,
0.6233

■ 0.0000, 0.0000,
0.0000

■ 69.4628, 70.5101,
72.2361

■ 69.4628, 70.5101,
72.2361

■ 62.0230, 59.9818,
56.3399

■ 77.9321, 82.4228,
90.5518

■ 55.5675, 50.7786,
42.7575

■ 86.9096, 95.5370,
108.4676

■ 50.0566, 42.8507,
31.3822

■ 87.0891, 95.8960,
108.5274

■ 45.4453, 36.1415,
22.0969

■ 41.6853, 30.5902,
14.7740

■ 38.7233, 26.1307,
9.2716

■ 36.4999, 22.6902,
5.4285

■ 34.9471, 20.1865,
3.0554

■ 33.9759, 18.5216,
1.8762

Harmonies

Analogous

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



69.9603, 70.5101, 76.2248



69.4628, 70.5101, 72.2361



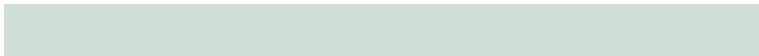
68.3099, 70.5101, 69.5440

Triad

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



69.4628, 70.5101, 72.2361



64.4434, 70.5101, 73.1548



67.2100, 70.5101, 85.3837

Complementary

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



69.4628, 70.5101, 72.2361



69.7360, 75.8606, 87.3118

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.



65.7420, 70.5101, 84.4874



69.4628, 70.5101, 72.2361



64.1588, 70.5101, 77.3249

Square

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



69.4628, 70.5101, 72.2361



65.4141, 70.5101, 70.0603



64.6307, 70.5101, 81.4971



68.6474, 70.5101, 83.9025

Rectangle

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



69.4628, 70.5101, 72.2361



67.3328, 70.5101, 68.7911



64.6307, 70.5101, 81.4971



66.7037, 70.5101, 85.3508

Sweetspot

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



69.4648, 70.5132, 72.2376



91.8036, 95.4391, 101.8621



70.9660, 69.9009, 83.8815



19.4683, 20.1727, 21.4102



0.0000, 0.0000, 0.0000



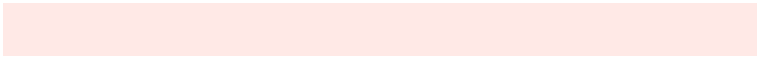
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4648, 70.5132, 72.2376



84.6852, 85.4100, 86.5177



72.0885, 75.7607, 73.1122



14.5508, 14.7156, 14.9779



18.8626, 10.2994, 0.9938



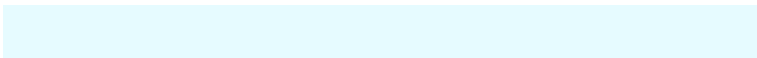
1.4484, 0.8701, 0.0916

Inverse Universe

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



69.7360, 75.8606, 87.3118



85.0732, 93.0610, 108.0865



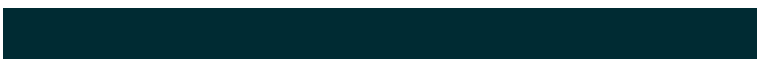
67.0494, 70.4873, 86.4163



14.6133, 15.9481, 18.4524



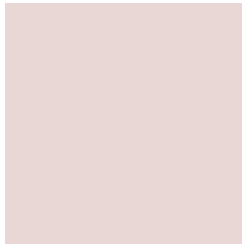
19.2641, 25.5903, 46.3073



1.4738, 1.9916, 3.4387

Previews

White Background



This preview shows how the XYZ color 69.4628, 70.5101, 72.2361 looks on a white background.

Color Contrast Check

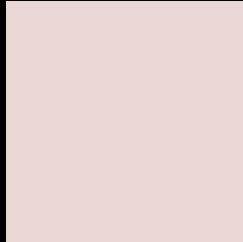
Large Text (above 18pt) WCAG AA × Fail

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 69.4628, 70.5101, 72.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

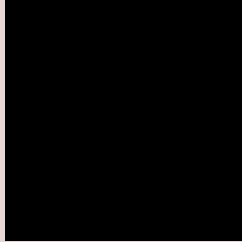
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

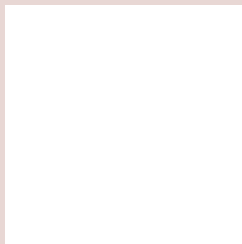
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4628, 70.5101, 72.2361

Background



This preview shows how black text looks on a background with the XYZ color 69.4628, 70.5101, 72.2361.



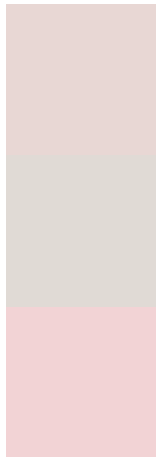
This preview shows how white text looks on a background with the XYZ color 69.4628, 70.5101,

72.2361.

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

69.4628, 70.5101, 72.2361

Protanopia

67.8221, 70.7942, 73.0408

Deuteranopia

71.9225, 70.2699, 72.7235



Tritanopia

71.6180, 70.2365, 83.9111

Trichromacy



Original Color

69.4628, 70.5101, 72.2361

Protanomaly

68.5016, 70.7607, 72.9985

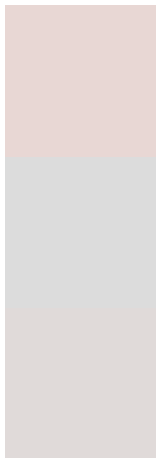
Deuteranomaly

70.8136, 70.0682, 72.7430

Tritanomaly

70.7178, 70.2399, 79.6425

Monochromacy



Original Color

69.4628, 70.5101, 72.2361

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3363, 70.9999, 75.7483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4628, 70.5101, 72.2361 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(232, 215, 212) looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 212)  
}
```

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(232, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 212) }
```

Border

The CSS property to change the border of an element to XYZ 69.4628, 70.5101, 72.2361 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(232, 215, 212) }
```


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

```
.border{ border-color:rgb(232, 215, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4628, 70.5101, 72.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 212) }
```

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

```
.background{ background-color: rgb(232,  
215, 212) }
```

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