

Converting Colors

XYZ(73.1090, 75.5241, 61.9287)

Have a look what the booklet for
XYZ(73.1090, 75.5241, 61.9287)
contains.

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Color

**XYZ(72.8210, 75.1923,
61.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DEC2
RGB	243, 222, 194
RGB Percent	95%, 87%, 76%
CMY	0.0471, 0.1294, 0.2392
CMYK	0.00, 0.09, 0.20, 0.05
HSL	34°, 67%, 86%
HSV	34°, 20%, 95%
XYZ	72.8210, 75.1923, 61.7144
YIQ	225.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

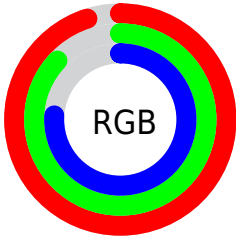
Format	Color
R _Y B	231, 243, 194
Decimal	15982274
CIE Lab	89.48, 2.85, 16.35
CIE LCh	89, 16.598, 80.109
Yxy	75.1923, 0.3472, 0.3585
Android (android.graphics.Color)	4294172354 (0xFFF3DEC2)
YUV	225.0870, -15.3259, 15.7097
Hunter-Lab	86.7135, -1.8464, 18.5025

Details

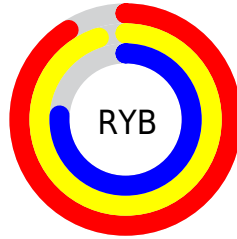
The XYZ color **72.8210, 75.1923, 61.7144** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.7258, 66.5395, 94.3318**, and the grayscale version is **71.7282, 75.4636, 82.1799**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **38.8020, 39.9700, 30.4808** is the 20% darker color. If you saturate the color by 10%, you get **67.6320, 68.8302, 47.6034**, and if you desaturate by 10%, it is **78.6311, 82.0813, 78.2359**.

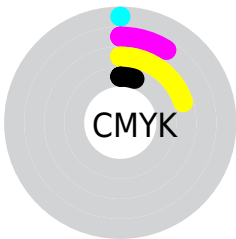
Distribution



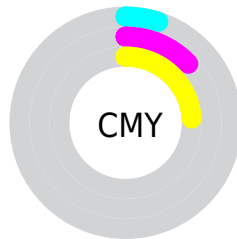
- Red (95%)
- Green (87%)
- Blue (76%)



- Red (91%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8210, 75.1923, 61.7144 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 72.8210, 75.1923, 61.7144 by changing the saturation by 10% instead.


 72.8210, 75.1923,
61.7144

 72.8210, 75.1923,
61.7144


459.5076,
478.5783, 448.8674

 54.1175, 55.7704,
44.3677


 122.2276,
126.5845, 108.8802

 38.9266, 40.0189,
30.6203


153.6613,
159.3237, 139.5364

 26.8831, 27.5533,
20.0539


190.0692,
197.2708, 175.4662

 17.6216, 17.9892,
12.2498

231.8165,
240.8101, 217.0881

 10.7767, 10.9422,
6.7894

279.2686,
290.3261, 264.8206

 5.9831, 6.0280,
3.2543

332.7910,

 2.8753, 2.8621,

346.2032, 319.0823

1.2259

392.7488,
408.8258, 380.2917

■ 1.0882, 1.0602,
0.0000

■ 0.0152, 0.0000,
0.0000

■ 72.8210, 75.1923,
61.7144

■ 72.8210, 75.1923,
61.7144

■ 67.6320, 68.8302,
47.6034

■ 78.6311, 82.0813,
78.2359

■ 63.0334, 62.9700,
35.7829

■ 85.0795, 89.5011,
97.2704

■ 59.0006, 57.5994,
26.1300

■ 90.2139, 96.6779,
108.5137

■ 55.5046, 52.7018,
18.5079

■ 90.7723, 97.7948,
108.6998

■ 52.5133, 48.2589,
12.7642

■ 49.9904, 44.2507,
8.7246

■ 47.8932, 40.6543,
6.1816

■ 46.1779, 37.4860,
4.8017

Harmonies

Analogous

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



76.6063, 75.1923, 65.8486



72.8210, 75.1923, 61.7144



68.8106, 75.1923, 62.5742

Triad

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



72.8210, 75.1923, 61.7144



64.3671, 75.1923, 89.8229



77.6433, 75.1923, 97.1059

Complementary

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



72.8210, 75.1923, 61.7144



62.7258, 66.5395, 94.3318

Split Complementary

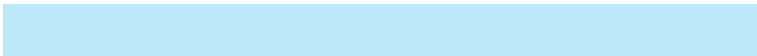
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1930, 75.1923, 104.7772



72.8210, 75.1923, 61.7144



66.5648, 75.1923, 100.3035

Square

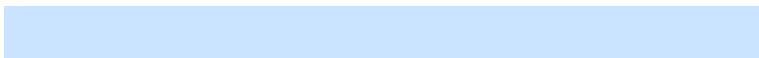
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8210, 75.1923, 61.7144



64.0312, 75.1923, 78.0811



70.1319, 75.1923, 105.9999



79.4595, 75.1923, 85.7829

Rectangle

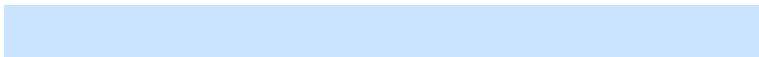
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8210, 75.1923, 61.7144



66.5431, 75.1923, 65.8960



70.1319, 75.1923, 105.9999



76.6301, 75.1923, 100.2408

Sweetspot

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



72.8230, 75.1957, 61.7160



90.6278, 94.9419, 95.7536



68.5504, 62.5575, 72.9099



19.2985, 20.2064, 20.2023



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.



72.8230, 75.1957, 61.7160



78.9130, 81.0618, 62.4086



77.6334, 86.4753, 63.6396



17.2854, 18.0550, 17.3715



25.4806, 20.8467, 2.6808



2.3414, 2.0360, 0.2696

Inverse Universe

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



62.7258, 66.5395, 94.3318



65.8459, 69.8610, 104.6218



58.5662, 56.9620, 92.7024



16.1650, 17.0943, 20.9901



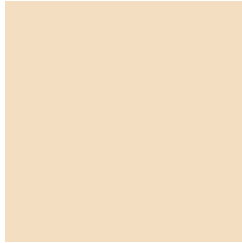
11.7300, 9.2537, 47.7059



1.1308, 1.0130, 4.2262

Previews

White Background



This preview shows how the XYZ color 72.8210, 75.1923, 61.7144 looks on a white background.

Color Contrast Check

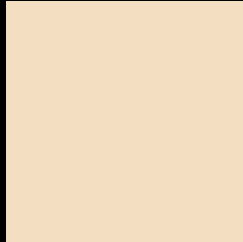
Large Text (above 18pt) WCAG AA × Fail

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 72.8210, 75.1923, 61.7144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

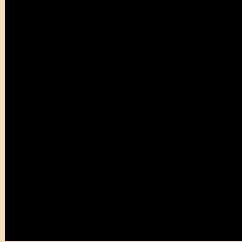
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8210, 75.1923, 61.7144

Background



This preview shows how black text looks on a background with the XYZ color 72.8210, 75.1923, 61.7144.



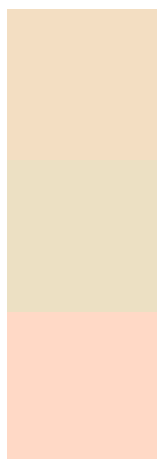
This preview shows how white text looks on a background with the XYZ color 72.8210, 75.1923,

61.7144.

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

72.8210, 75.1923, 61.7144

Protanopia

71.0981, 75.0843, 62.3752

Deuteranopia

76.2459, 74.9629, 63.8768



Tritanopia

77.9752, 74.9514, 87.4481

Trichromacy



Original Color

72.8210, 75.1923, 61.7144

Protanomaly

71.8346, 75.0662, 62.3329

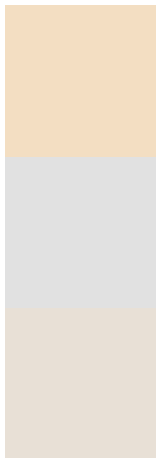
Deuteranomaly

75.1932, 75.2035, 63.3759

Tritanomaly

75.8636, 74.8501, 77.4669

Monochromacy



Original Color

72.8210, 75.1923, 61.7144

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0720, 75.3222, 74.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8210, 75.1923, 61.7144 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(243, 222, 194)` looks like.

```
.text, #text, p{  
    color:rgb(243, 222, 194)  
}
```

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(243, 222, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 222, 194) }
```

Border

The CSS property to change the border of an element to XYZ 72.8210, 75.1923, 61.7144 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(243, 222, 194) }
```


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

```
.border{ border-color:rgb(243, 222, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 222, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(243, 222,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8210, 75.1923, 61.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 222, 194) }
```

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

```
.background{ background-color: rgb(243,  
222, 194) }
```

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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