

Converting Colors

XYZ(72.2582, 75.2047, 58.0517)

Have a look what the booklet for
XYZ(72.2582, 75.2047, 58.0517)
contains.

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Color

**XYZ(72.4269, 75.4609,
58.3250)**

Conversions

Conversions Part 1	
Format	Color
Hex	F3DFBC
RGB	243, 223, 188
RGB Percent	95%, 87%, 74%
CMY	0.0471, 0.1255, 0.2627
CMYK	0.00, 0.08, 0.23, 0.05
HSL	38°, 70%, 85%
HSV	38°, 23%, 95%
XYZ	72.4269, 75.4609, 58.3250
YIQ	224.9900, 23.1550, -6.6450

Conversions

Conversions Part 2

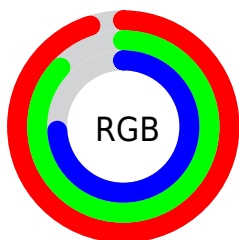
Format	Color
RYB	219, 243, 188
Decimal	15982524
CIELab	89.61, 1.48, 19.66
CIELCh	90, 19.711, 85.683
Yxy	75.4609, 0.3512, 0.3659
Android (android.graphics.Color)	4294172604 (0xFFFF3DFBC)
YUV	224.9900, -18.2361, 15.7948
Hunter-Lab	86.8682, -3.1940, 20.9993

Details

The XYZ color 72.4269, 75.4609, 58.3250 is a light color, and the websafe version is hex FFFCC. A complement of this color would be 59.4721, 62.2725, 93.6796, and the grayscale version is 71.6778, 75.4106, 82.1222.

A 20% lighter version of the original color is 93.3291, 99.3117, 99.8380, and 38.6255, 40.1936, 28.6440 is the 20% darker color. If you saturate the color by 10%, you get 67.7264, 69.9046, 44.9043, and if you desaturate by 10%, it is 77.6957, 81.4468, 74.1129.

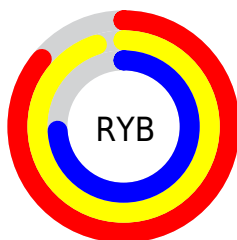
Distribution



Red (95%)

Green (87%)

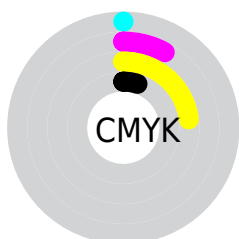
Blue (74%)



Red (86%)

Yellow (95%)

Blue (74%)

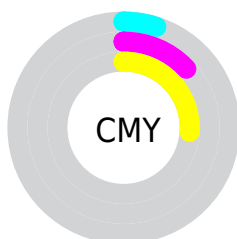


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (5%)



Cyan (5%)


Magenta (13%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4269, 75.4609, 58.3250 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 72.4269, 75.4609, 58.3250 by changing the saturation by 10% instead.


 72.4269, 75.4609,
58.3250

 72.4269, 75.4609,
58.3250


458.1607,
479.5002, 436.0279

 53.7942, 55.9906,
41.6536


 121.6708,
126.9646, 103.9154

 38.6672, 40.1954,
28.5066


153.0127,
159.7667, 133.6715

 26.6805, 27.6909,
18.4655


189.3217,
197.7815, 168.6262

 17.4687, 18.0928,
11.1118

230.9632,
241.3935, 209.1980

 10.6666, 11.0166,
6.0270

278.3024,
290.9869, 255.8056

 5.9088, 6.0780,
2.7924


331.7049,


 2.8298, 2.8926,


346.9463, 308.8674


0.9897


391.5359,
409.6559, 368.8020


 1.0644, 1.0759,
0.0000


 0.0000, 0.0000,
0.0000


 72.4269, 75.4609,
58.3250


 72.4269, 75.4609,
58.3250


 67.7264, 69.9046,
44.9043


 77.6957, 81.4468,
74.1129


 63.5642, 64.7551,
33.7290

 83.5492, 87.8638,
92.3720

 59.9164, 60.0025,
24.6740

 89.0453, 94.3408,
108.1241

 56.7548, 55.6322,
17.5995

 90.7723, 97.7948,
108.6998

■ 54.0477, 51.6285,
12.3488

■ 51.7589, 47.9735,
8.7413

■ 49.8449, 44.6465,
6.5586

■ 48.6271, 42.3844,
5.6181

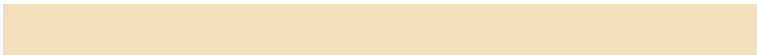
Harmonies

Analogous

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



77.1053, 75.4609, 62.0369



72.4269, 75.4609, 58.3250



67.7606, 75.4609, 60.3864

Triad

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



72.4269, 75.4609, 58.3250



63.6501, 75.4609, 94.2798



79.6972, 75.4609, 98.1442

Complementary

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



72.4269, 75.4609, 58.3250



59.4721, 62.2725, 93.6796

Split Complementary

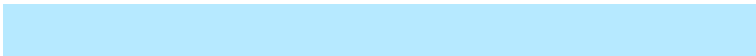
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8376, 75.4609, 108.6338



72.4269, 75.4609, 58.3250



66.5978, 75.4609, 106.2323

Square

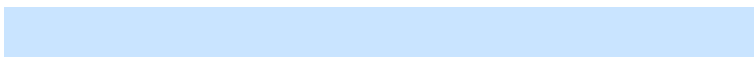
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4269, 75.4609, 58.3250



62.8280, 75.4609, 80.1720



71.0243, 75.4609, 111.7477



81.4210, 75.4609, 84.1889

Rectangle

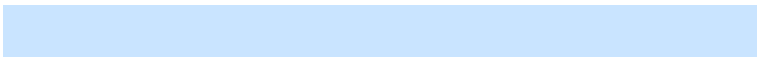
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4269, 75.4609, 58.3250



65.2614, 75.4609, 64.8966



71.0243, 75.4609, 111.7477



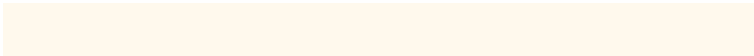
78.5983, 75.4609, 102.2513

Sweetspot

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



72.4289, 75.4643, 58.3266



90.2727, 94.8325, 93.7823



66.3517, 59.5843, 67.7867



19.2372, 20.2051, 19.8083



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.



72.4289, 75.4643, 58.3266



78.4074, 81.3886, 58.1151



75.6097, 85.5083, 60.0976



17.3786, 18.2413, 17.4025



26.8209, 23.5274, 3.1276



2.4548, 2.2628, 0.3074

Inverse Universe

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



59.4721, 62.2725, 93.6796



61.6751, 64.3558, 103.7790



56.7536, 54.0850, 92.2426



16.0744, 16.9130, 20.9599



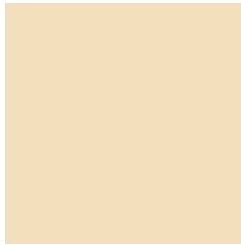
10.9263, 7.6464, 47.4380



1.0545, 0.8604, 4.2007

Previews

White Background



This preview shows how the XYZ color 72.4269, 75.4609, 58.3250 looks on a white background.

Color Contrast Check

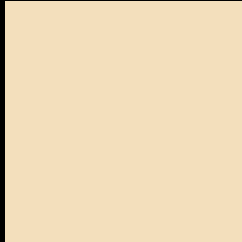
Large Text (above 18pt) WCAG AA × Fail

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 72.4269, 75.4609, 58.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

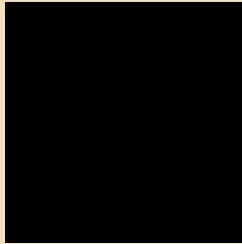
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4269, 75.4609, 58.3250

Background



This preview shows how black text looks on a background with the XYZ color 72.4269, 75.4609, 58.3250.



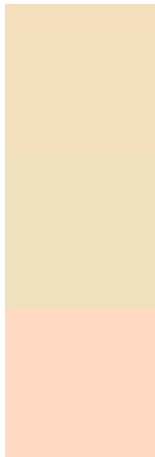
This preview shows how white text looks on a background with the XYZ color 72.4269, 75.4609,

58.3250.

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

72.4269, 75.4609, 58.3250

Protanopia

71.3704, 75.7017, 58.9944

Deuteranopia

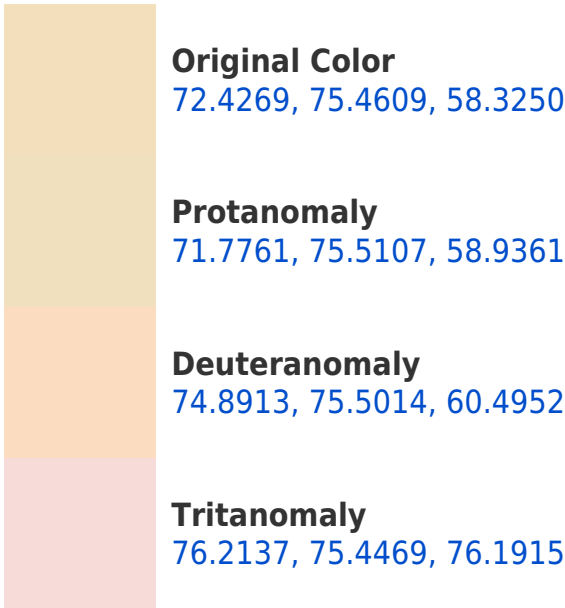
76.1617, 75.3429, 62.1582



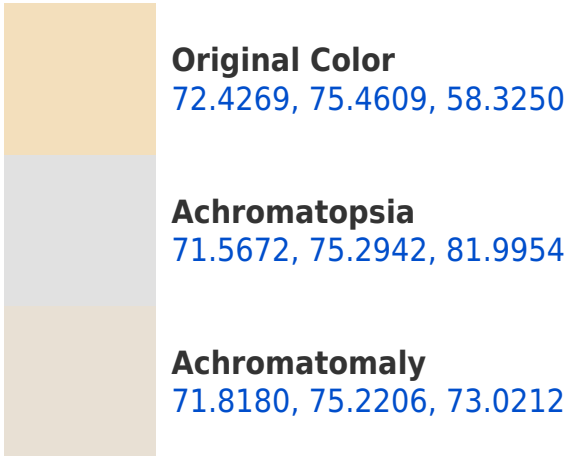
Tritanopia

78.7311, 75.7060, 88.3050

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4269, 75.4609, 58.3250 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, 223, 188) looks like.

```
.text, #text, p{  
    color:rgb(243, 223, 188)  
}
```

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, 223, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 188) }
```

Border

The CSS property to change the border of an element to XYZ 72.4269, 75.4609, 58.3250 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, 223, 188) }
```


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

```
.border{ border-color:rgb(243, 223, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 223, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 223, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 223, 188);  
box-shadow:4px 4px 4px 4px rgb(243, 223,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4269, 75.4609, 58.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 223, 188) }
```

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

```
.background{ background-color: rgb(243,  
223, 188) }
```

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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