

Converting Colors

XYZ(73.1908, 75.5565, 62.2243)

Have a look what the booklet for
XYZ(73.1908, 75.5565, 62.2243)
contains.

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Color

**XYZ(72.9338, 75.2374,
62.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DEC3
RGB	243, 222, 195
RGB Percent	95%, 87%, 76%
CMY	0.0471, 0.1294, 0.2353
CMYK	0.00, 0.09, 0.20, 0.05
HSL	34°, 67%, 86%
HSV	34°, 20%, 95%
XYZ	72.9338, 75.2374, 62.3080
YIQ	225.2010, 21.1830, -3.9450

Conversions

Conversions Part 2

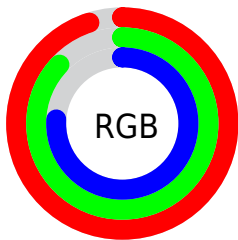
Format	Color
R _Y B	232, 243, 195
Decimal	15982275
CIE Lab	89.50, 3.00, 15.86
CIE LCh	90, 16.140, 79.301
Yxy	75.2374, 0.3465, 0.3575
Android (android.graphics.Color)	4294172355 (0xFFF3DEC3)
YUV	225.2010, -14.8891, 15.6097
Hunter-Lab	86.7395, -1.7047, 18.1276

Details

The XYZ color **72.9338, 75.2374, 62.3080** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.2389, 67.1834, 94.4293**, and the grayscale version is **71.8074, 75.5470, 82.2706**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.8761, 39.9996, 30.8710** is the 20% darker color. If you saturate the color by 10%, you get **67.6728, 68.7599, 48.0844**, and if you desaturate by 10%, it is **78.8240, 82.2565, 78.9490**.

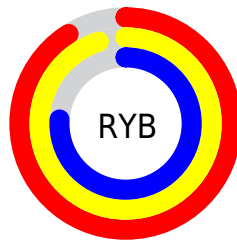
Distribution



Red (95%)

Green (87%)

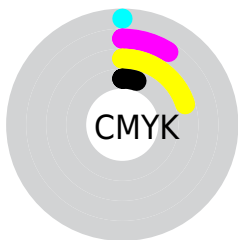
Blue (76%)



Red (91%)

Yellow (95%)

Blue (76%)

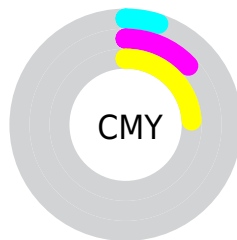


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (5%)



Cyan (5%)


Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9338, 75.2374, 62.3080 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 72.9338, 75.2374, 62.3080 by changing the saturation by 10% instead.


 72.9338, 75.2374,
62.3080

 72.9338, 75.2374,
62.3080

459.8927,
478.7331, 451.0923

 54.2100, 55.8074,
44.8442


122.3869,
126.6484, 109.7465

 39.0009, 40.0485,
30.9927


153.8469,
159.3981, 140.5582

 26.9412, 27.5764,
20.3349


190.2830,
197.3565, 176.6564

 17.6654, 18.0066,
12.4522

232.0605,
240.9081, 218.4595

 10.8083, 10.9547,
6.9262

279.5450,
290.4371, 266.3861

 6.0044, 6.0364,
3.3382

333.1015,

 2.8884, 2.8672,

346.3281, 320.8548

1.2698

393.0957,
408.9653, 382.2840

■ 1.0950, 1.0628,
0.0369

■ 0.0210, 0.0000,
0.0000

■ 72.9338, 75.2374,
62.3080

■ 72.9338, 75.2374,
62.3080

■ 67.6728, 68.7599,
48.0844

■ 78.8240, 82.2565,
78.9490

■ 63.0100, 62.7987,
36.1586

■ 85.3607, 89.8214,
98.1096

■ 58.9209, 57.3412,
26.4078

■ 90.4201, 97.0903,
108.5824

■ 55.3763, 52.3701,
18.6960

■ 90.7724, 97.7948,
108.6998

■ 52.3440, 47.8671,
12.8713

■ 49.7877, 43.8115,
8.7604

■ 47.6647, 40.1804,
6.1575

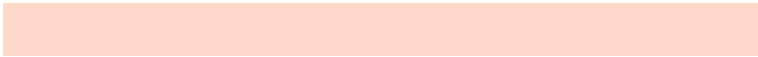
■ 45.9078, 36.9404,
4.7279

■ 45.8672, 36.8645,
4.6981

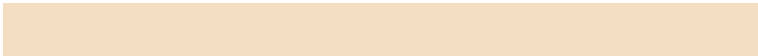
Harmonies

Analogous

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



76.5916, 75.2374, 66.4761



72.9338, 75.2374, 62.3080



69.0237, 75.2374, 63.0159

Triad

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



72.9338, 75.2374, 62.3080



64.5629, 75.2374, 89.3414



77.4400, 75.2374, 96.9785

Complementary

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



72.9338, 75.2374, 62.3080



63.2389, 67.1834, 94.4293

Split Complementary

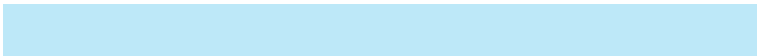
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0571, 75.2374, 104.2723



72.9338, 75.2374, 62.3080



66.6600, 75.2374, 99.5894

Square

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



72.9338, 75.2374, 62.3080



64.2873, 75.2374, 77.9387



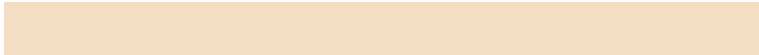
70.1066, 75.2374, 105.2696



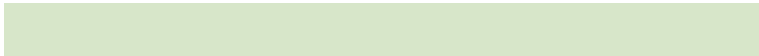
79.2563, 75.2374, 86.0362

Rectangle

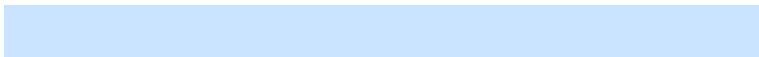
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9338, 75.2374, 62.3080



66.7959, 75.2374, 66.1789



70.1066, 75.2374, 105.2696



76.4427, 75.2374, 99.9797

Sweetspot

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



72.9358, 75.2408, 62.3096



90.5857, 94.8577, 95.7396



68.9505, 63.0748, 73.9147



19.2885, 20.1865, 20.1990



0.0000, 0.0000, 0.0000



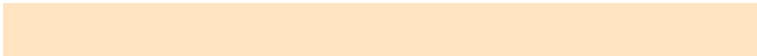
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9358, 75.2408, 62.3096



78.7622, 80.7601, 62.3583



78.0408, 86.6724, 64.2471



17.2727, 18.0295, 17.3672



25.3101, 20.5057, 2.6240



2.3267, 2.0067, 0.2647

Inverse Universe

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



63.2389, 67.1834, 94.4293



65.9896, 70.1484, 104.6697



58.8246, 57.4267, 92.7787



16.1775, 17.1193, 20.9943



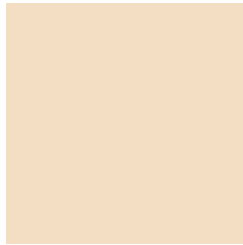
11.8528, 9.4993, 47.7469



1.1421, 1.0357, 4.2299

Previews

White Background



This preview shows how the XYZ color 72.9338, 75.2374, 62.3080 looks on a white background.

Color Contrast Check

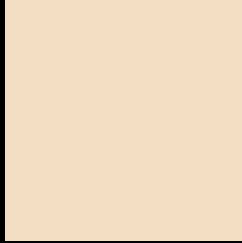
Large Text (above 18pt) WCAG AA × Fail

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 72.9338, 75.2374, 62.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

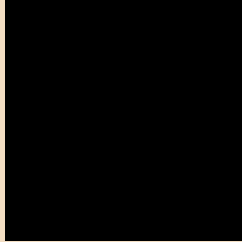
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9338, 75.2374, 62.3080

Background



This preview shows how black text looks on a background with the XYZ color 72.9338, 75.2374, 62.3080.



This preview shows how white text looks on a background with the XYZ color 72.9338, 75.2374,

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

72.9338, 75.2374, 62.3080

Protanopia

71.2115, 75.1297, 62.9728

Deuteranopia

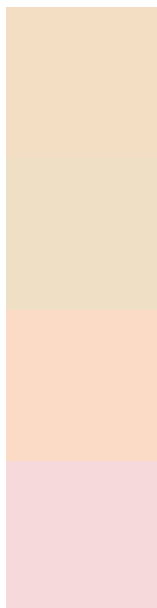
76.2459, 74.9629, 63.8768



Tritanopia

77.9752, 74.9514, 87.4481

Trichromacy



Original Color

72.9338, 75.2374, 62.3080

Protanomaly

71.9481, 75.1116, 62.9305

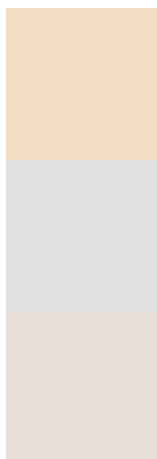
Deuteranomaly

75.1932, 75.2035, 63.3759

Tritanomaly

75.8636, 74.8501, 77.4669

Monochromacy



Original Color

72.9338, 75.2374, 62.3080

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 72.9338, 75.2374, 62.3080 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(243, 222, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 222, 195) }
```

Border

The CSS property to change the border of an element to XYZ 72.9338, 75.2374, 62.3080 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, 195) }
```


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

```
.border{ border-color:rgb(243, 222, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 222, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 222, 195);  
box-shadow:4px 4px 4px 4px rgb(243, 222,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9338, 75.2374, 62.3080 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, 195) }
```

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

```
.background{ background-color: rgb(243,  
222, 195) }
```

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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