

Converting Colors

XYZ(70.4694, 70.1272, 62.0463)

Have a look what the booklet for
XYZ(70.4694, 70.1272, 62.0463)
contains.

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Color

**XYZ(70.4694, 70.1272,
62.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D4C4
RGB	243, 212, 196
RGB Percent	95%, 83%, 77%
CMY	0.0471, 0.1686, 0.2314
CMYK	0.00, 0.13, 0.19, 0.05
HSL	20°, 66%, 86%
HSV	20°, 19%, 95%
XYZ	70.4694, 70.1272, 62.0463
YIQ	219.4450, 23.6120, 1.5960

Conversions

Conversions Part 2

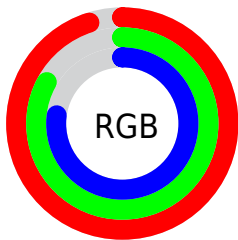
Format	Color
R _Y B	243, 220, 196
Decimal	15979716
CIE Lab	87.06, 8.32, 11.88
CIE LCh	87, 14.501, 54.988
Yxy	70.1272, 0.3478, 0.3461
Android (android.graphics.Color)	4294169796 (0xFFFF3D4C4)
YUV	219.4450, -11.5584, 20.6577
Hunter-Lab	83.7420, 3.6604, 14.6901

Details

The XYZ color **70.4694, 70.1272, 62.0463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4111, 73.1430, 95.4122**, and the grayscale version is **67.7089, 71.2350, 77.5750**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **37.1892, 36.5060, 30.6775** is the 20% darker color. If you saturate the color by 10%, you get **64.1157, 61.4931, 47.3697**, and if you desaturate by 10%, it is **77.6726, 79.7421, 79.2178**.

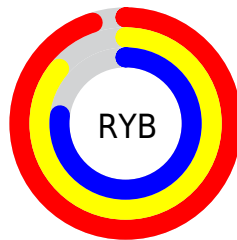
Distribution



Red (95%)

Green (83%)

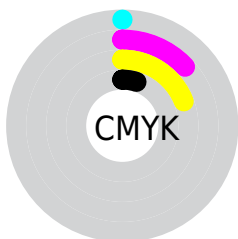
Blue (77%)



Red (95%)

Yellow (86%)

Blue (77%)

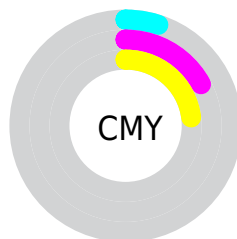


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4694, 70.1272, 62.0463 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 70.4694, 70.1272, 62.0463 by changing the saturation by 10% instead.

70.4694, 70.1272,
62.0463

70.4694, 70.1272,
62.0463

451.4372,
460.9965, 450.1123

52.1903, 51.6302,
44.6341

118.9005,
119.3901, 109.3647

37.3816, 36.7104,
30.8285

149.7833,
150.9249, 140.1079

25.6782, 24.9834,
20.2109

185.5979,
187.5744, 176.1319

16.7144, 16.0647,
12.3628

226.7098,
229.7230, 217.8553

10.1251, 9.5699,
6.8658

273.4843,
277.7551, 265.6964

5.5449, 5.1147,
3.3011

326.2868,

2.6084, 2.3147,

332.0551, 320.0739

1.2504

385.4827,
393.0075, 381.4064

■ 0.9502, 0.7815,
0.0206

■ 0.0000, 0.0000,
0.0000

■ 70.4694, 70.1272,
62.0463

■ 70.4694, 70.1272,
62.0463

■ 64.1157, 61.4931,
47.3697

■ 77.6726, 79.7421,
79.2178

■ 58.5727, 53.7986,
35.0663

■ 85.7506, 90.3584,
98.9891

■ 53.8068, 47.0134,
25.0108

■ 90.7723, 97.7948,
108.6998

■ 49.7800, 41.1020,
17.0644

■ 46.4503, 36.0260,
11.0730

■ 43.7711, 31.7442,
6.8607

■ 41.6885, 28.2106,
4.2195

■ 40.1263, 25.3686,
2.8277

■ 40.0364, 25.2029,
2.7545

Harmonies

Analogous

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



72.7469, 70.1272, 68.7288



70.4694, 70.1272, 62.0463



67.2257, 70.1272, 59.2072

Triad

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



70.4694, 70.1272, 62.0463



60.3606, 70.1272, 74.7351



69.4494, 70.1272, 94.5848

Complementary

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



70.4694, 70.1272, 62.0463



66.4111, 73.1430, 95.4122

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.



66.0852, 70.1272, 96.5339



70.4694, 70.1272, 62.0463



60.9108, 70.1272, 84.5288

Square

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



70.4694, 70.1272, 62.0463



61.4493, 70.1272, 66.1255



62.9785, 70.1272, 92.7136



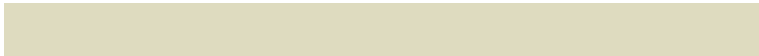
72.1441, 70.1272, 87.5921

Rectangle

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



70.4694, 70.1272, 62.0463



64.9799, 70.1272, 59.6849



62.9785, 70.1272, 92.7136



68.3562, 70.1272, 95.8753

Sweetspot

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



70.4713, 70.1304, 62.0478



89.5488, 92.7839, 95.3940



70.6139, 64.0999, 81.5659



19.0436, 19.6967, 20.1174



0.0000, 0.0000, 0.0000



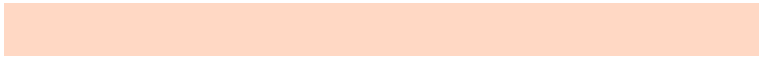
20.3446, 21.4041, 23.3091

Same Dimension

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



70.4713, 70.1304, 62.0478



75.8822, 74.5384, 62.8216



76.6826, 82.5529, 64.1182



16.9604, 17.4049, 17.2631



22.0853, 14.0562, 1.5491



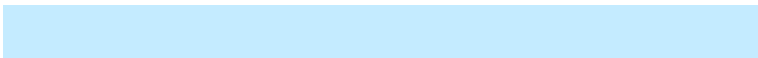
2.0326, 1.4185, 0.1667

Inverse Universe

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



66.4111, 73.1430, 95.4122



70.6224, 78.4354, 106.0251



60.4967, 61.3143, 93.4407



16.4938, 17.7519, 21.0997



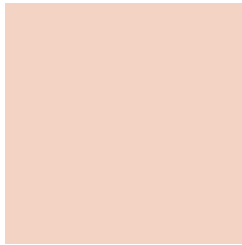
15.9322, 17.6581, 49.1067



1.4954, 1.7421, 4.3477

Previews

White Background



This preview shows how the XYZ color 70.4694, 70.1272, 62.0463 looks on a white background.

Color Contrast Check

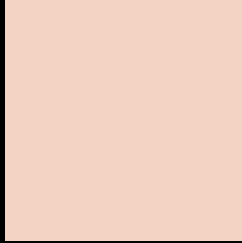
Large Text (above 18pt) WCAG AA × Fail

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 70.4694, 70.1272, 62.0463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

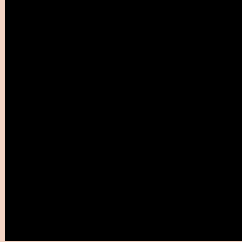
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4694, 70.1272, 62.0463

Background



This preview shows how black text looks on a background with the XYZ color 70.4694, 70.1272, 62.0463.



This preview shows how white text looks on a background with the XYZ color 70.4694, 70.1272,

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

70.4694, 70.1272, 62.0463

Protanopia

66.8002, 70.0801, 64.0389

Deuteranopia

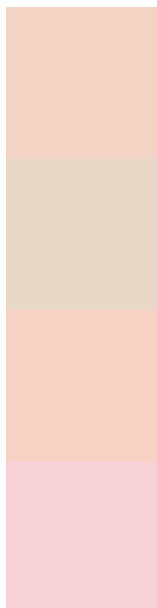
71.3682, 69.8529, 61.9460



Tritanopia

74.3682, 70.2677, 80.1644

Trichromacy



Original Color

70.4694, 70.1272, 62.0463

Protanomaly

68.0978, 70.0017, 63.3486

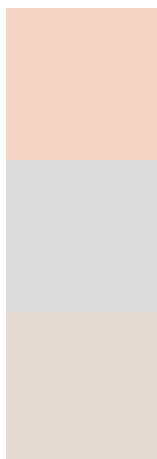
Deuteranomaly

71.2641, 70.1669, 62.0121

Tritanomaly

72.9441, 70.0488, 73.2945

Monochromacy



Original Color

70.4694, 70.1272, 62.0463

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3086, 70.3089, 71.5987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4694, 70.1272, 62.0463 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, 212, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 212, 196)  
}
```

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, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 70.4694, 70.1272, 62.0463 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, 212, 196) }
```


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

```
.border{ border-color:rgb(243, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(243, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4694, 70.1272, 62.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 212, 196) }
```

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

```
.background{ background-color: rgb(243,  
212, 196) }
```

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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