

Converting Colors

XYZ(70.1214, 70.1608, 56.4703)

Have a look what the booklet for
XYZ(70.1214, 70.1608, 56.4703)
contains.

XYZ(70.0626, 70.0446, 56.2816) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(70.0626, 70.0446,
56.2816)**

Conversions

Conversions Part 1	
Format	Color
Hex	F5D4BA
RGB	245, 212, 186
RGB Percent	96%, 83%, 73%
CMY	0.0392, 0.1686, 0.2706
CMYK	0.00, 0.13, 0.24, 0.04
HSL	26°, 75%, 85%
HSV	26°, 24%, 96%
XYZ	70.0626, 70.0446, 56.2816
YIQ	218.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

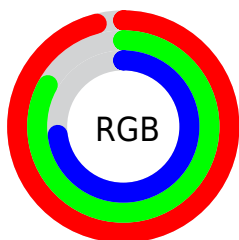
Format	Color
RYB	245, 232, 186
Decimal	16110778
CIELab	87.02, 7.62, 17.11
CIELCh	87, 18.731, 65.989
Yxy	70.0446, 0.3568, 0.3567
Android (android.graphics.Color)	4294300858 (0xFFFF5D4BA)
YUV	218.9030, -16.2212, 22.8871
Hunter-Lab	83.6927, 2.9676, 18.7135

Details

The XYZ color **70.0626, 70.0446, 56.2816** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0621, 67.6929, 96.1816**, and the grayscale version is **67.3616, 70.8696, 77.1770**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **37.0296, 36.4988, 27.2836** is the 20% darker color. If you saturate the color by 10%, you get **64.3975, 62.5311, 42.6262**, and if you desaturate by 10%, it is **76.4687, 78.3245, 72.3888**.

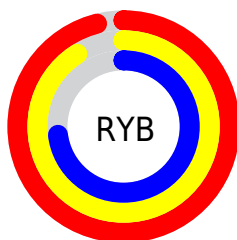
Distribution



Red (96%)

Green (83%)

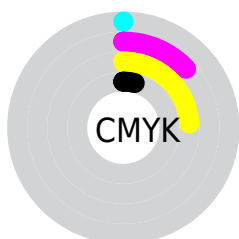
Blue (73%)



Red (96%)

Yellow (91%)

Blue (73%)

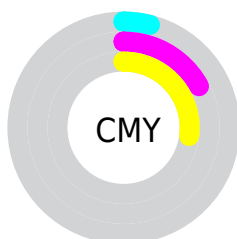


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (4%)



Cyan (4%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0626, 70.0446, 56.2816 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 70.0626, 70.0446, 56.2816 by changing the saturation by 10% instead.


 70.0626, 70.0446,
56.2816

 70.0626, 70.0446,
56.2816


450.0328,
460.7066, 428.1700

 51.8573, 51.5629,
40.0232


 118.3238,
119.2724, 100.9061

 37.1152, 36.6568,
27.2427


149.1105,
150.7872, 130.1093

 25.4708, 24.9419,
17.5216


184.8217,
187.4152, 164.4645

 16.5587, 16.0337,
10.4412

225.8227,
229.5408, 204.3903

 10.0137, 9.5480,
5.5830

272.4790,
277.5483, 250.3052

 5.4704, 5.1003,
2.5286


325.1559,


 2.5634, 2.3063,


331.8222, 302.6278


0.8552


384.2187,
392.7468, 361.7765


 0.9273, 0.7770,
0.0000


 0.0000, 0.0000,
0.0000


 70.0626, 70.0446,
56.2816


 70.0626, 70.0446,
56.2816

 64.3975, 62.5311,
42.6262

 76.4687, 78.3245,
72.3888

 59.4379, 55.7509,
31.2958

 83.6383, 87.3835,
91.0571

 55.1534, 49.6824,
22.1588

 90.8664, 96.9527,
108.5323

 51.5088, 44.2990,
15.0686

 91.4664, 98.1526,
108.7323

■ 48.4652, 39.5722,
9.8602

■ 45.9783, 35.4706,
6.3427

■ 43.9956, 31.9587,
4.2833

■ 43.0175, 30.1349,
3.5493

Harmonies

Analogous

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



73.6273, 70.0446, 62.9489



70.0626, 70.0446, 56.2816



65.7001, 70.0446, 54.6992

Triad

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



70.0626, 70.0446, 56.2816



58.5431, 70.0446, 78.8119



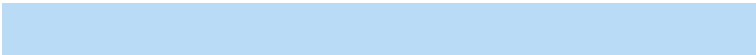
71.6496, 70.0446, 97.5024

Complementary

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



70.0626, 70.0446, 56.2816



62.0621, 67.6929, 96.1816

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.



67.4582, 70.0446, 102.8674



70.0626, 70.0446, 56.2816



59.9886, 70.0446, 91.3416

Square

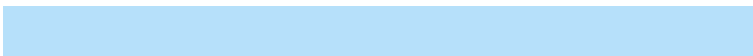
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0626, 70.0446, 56.2816



59.1723, 70.0446, 66.8640



63.2057, 70.0446, 100.4979



74.5713, 70.0446, 86.5119

Rectangle

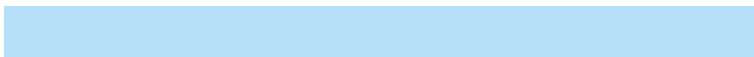
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0626, 70.0446, 56.2816



62.9514, 70.0446, 56.5695



63.2057, 70.0446, 100.4979



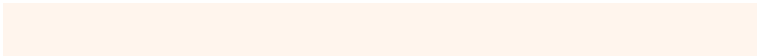
70.3357, 70.0446, 100.0754

Sweetspot

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



70.0645, 70.0478, 56.2831



89.2057, 92.6987, 93.4267



68.0591, 59.6684, 75.2481



18.9901, 19.7109, 19.7259



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.



70.0645, 70.0478, 56.2831



73.5423, 72.5115, 53.8630



77.9947, 85.9082, 58.9265



17.1002, 17.6845, 17.3097



23.3071, 16.4997, 1.9563



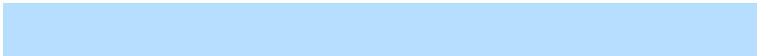
2.1490, 1.6513, 0.2055

Inverse Universe

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



62.0621, 67.6929, 96.1816



63.3470, 69.5081, 104.6854



55.1310, 53.8306, 93.8712



16.3499, 17.4641, 21.0517



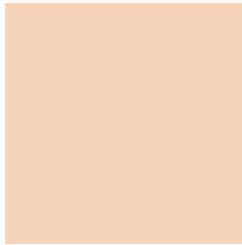
13.8395, 13.4728, 48.4091



1.3187, 1.3888, 4.2888

Previews

White Background



This preview shows how the XYZ color 70.0626, 70.0446, 56.2816 looks on a white background.

Color Contrast Check

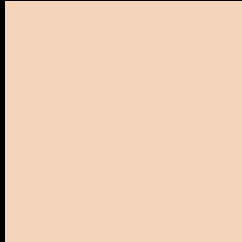
Large Text (above 18pt) WCAG AA × Fail

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 70.0626, 70.0446, 56.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

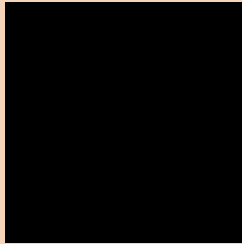
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0626, 70.0446, 56.2816

Background



This preview shows how black text looks on a background with the XYZ color 70.0626, 70.0446, 56.2816.



This preview shows how white text looks on a background with the XYZ color 70.0626, 70.0446,

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

70.0626, 70.0446, 56.2816

Protanopia

66.5698, 70.4749, 58.2385

Deuteranopia

71.3339, 69.9624, 56.1988



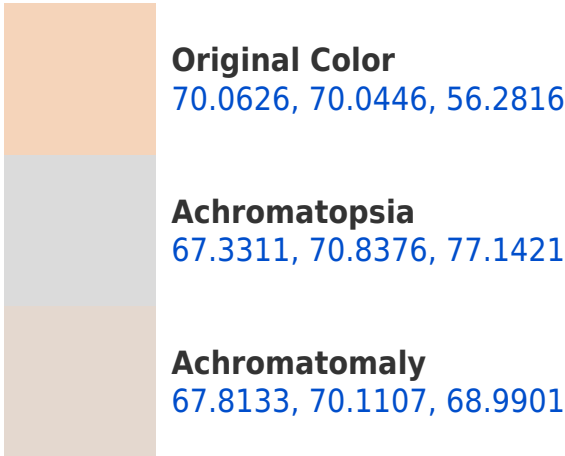
Tritanopia

74.6990, 70.0931, 79.4043

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0626, 70.0446, 56.2816 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(245, 212, 186) looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 186)  
}
```

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(245, 212, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 186) }
```

Border

The CSS property to change the border of an element to XYZ 70.0626, 70.0446, 56.2816 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(245, 212, 186) }
```


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

```
.border{ border-color:rgb(245, 212, 186) }
```

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

Here you see how a box with a 4 pixel rgb(245, 212, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0626, 70.0446, 56.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 186) }
```

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

```
.background{ background-color: rgb(245,  
212, 186) }
```

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