

Converting Colors

XYZ(72.9612, 76.3503, 56.0195)

Have a look what the booklet for
XYZ(72.9612, 76.3503, 56.0195)
contains.

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Color

**XYZ(72.9636, 76.1845,
56.2069)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E0B8
RGB	245, 224, 184
RGB Percent	96%, 88%, 72%
CMY	0.0392, 0.1215, 0.2784
CMYK	0.00, 0.09, 0.25, 0.04
HSL	39°, 75%, 84%
HSV	39°, 25%, 96%
XYZ	72.9636, 76.1845, 56.2069
YIQ	225.7190, 25.3560, -7.9880

Conversions

Conversions Part 2

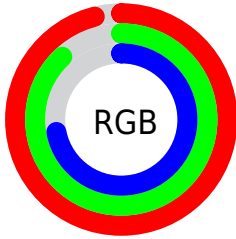
Format	Color
R _Y B	216, 245, 184
Decimal	16113848
CIE Lab	89.94, 1.16, 22.23
CIE LCh	90, 22.256, 87.016
Yxy	76.1845, 0.3553, 0.3710
Android (android.graphics.Color)	4294303928 (0xFFFF5E0B8)
YUV	225.7190, -20.5675, 16.9094
Hunter-Lab	87.2837, -3.5320, 22.9185

Details

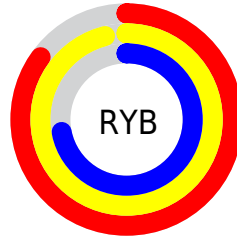
The XYZ color **72.9636, 76.1845, 56.2069** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.0795, 60.4440, 94.9923**, and the grayscale version is **72.2185, 75.9795, 82.7416**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.0237, 40.7060, 27.2730** is the 20% darker color. If you saturate the color by 10%, you get **68.4048, 70.8268, 43.0953**, and if you desaturate by 10%, it is **78.0836, 81.9518, 71.7016**.

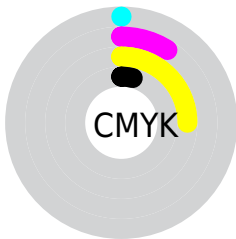
Distribution



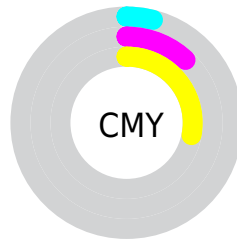
- Red (96%)
- Green (88%)
- Blue (72%)



- Red (85%)
- Yellow (96%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9636, 76.1845, 56.2069 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 72.9636, 76.1845, 56.2069 by changing the saturation by 10% instead.


 72.9636, 76.1845,
56.2069

 72.9636, 76.1845,
56.2069


459.9944,
481.9790, 427.8810

 54.2345, 56.5838,
39.9637

 122.4289,
127.9877, 100.7958

 39.0206, 40.6712,
27.1967


153.8959,
160.9589, 129.9787

 26.9565, 28.0622,
17.4873


190.3394,
199.1559, 164.3118

 17.6770, 18.3726,
10.4169

232.1250,
242.9628, 204.2138

 10.8166, 11.2178,
5.5670

279.6179,
292.7642, 250.1032

 6.0100, 6.2135,
2.5191

333.1836,

 2.8919, 2.9754,

348.9445, 302.3984

0.8503

393.1873,
411.8880, 361.5182

■ 1.0969, 1.1189,
0.0000

■ 0.0225, 0.0000,
0.0000

■ 72.9636, 76.1845,
56.2069

■ 72.9636, 76.1845,
56.2069

■ 68.4048, 70.8268,
43.0953

■ 78.0836, 81.9518,
71.7016

■ 64.3768, 65.8561,
32.2408

■ 83.7817, 88.1300,
89.6873

■ 60.8548, 61.2624,
23.5129

■ 89.6758, 94.5715,
108.1355

■ 57.8096, 57.0314,
16.7657

■ 91.4664, 98.1526,
108.7323

■ 55.2083, 53.1471,
11.8347

■ 53.0130, 49.5915,
8.5284

■ 51.1773, 46.3433,
6.6119

■ 50.3448, 44.7895,
5.9918

Harmonies

Analogous

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



78.3291, 76.1845, 60.0288



72.9636, 76.1845, 56.2069



67.7076, 76.1845, 58.7655

Triad

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



72.9636, 76.1845, 56.2069



63.3827, 76.1845, 97.5014



81.6599, 76.1845, 100.5780

Complementary

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



72.9636, 76.1845, 56.2069



58.0795, 60.4440, 94.9923

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.



77.3275, 76.1845, 113.0026



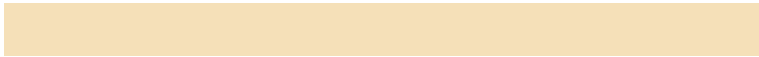
72.9636, 76.1845, 56.2069



66.7989, 76.1845, 111.0741

Square

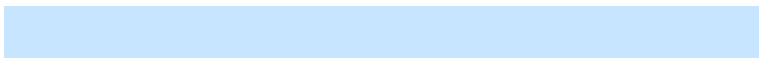
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9636, 76.1845, 56.2069



62.3444, 76.1845, 81.3836



71.8614, 76.1845, 117.0658



83.5069, 76.1845, 84.5404

Rectangle

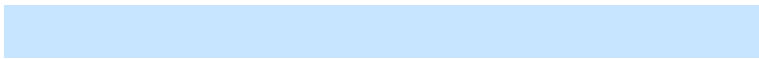
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9636, 76.1845, 56.2069



64.9389, 76.1845, 63.9490



71.8614, 76.1845, 117.0658



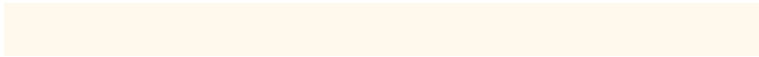
80.4356, 76.1845, 105.3895

Sweetspot

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



72.9656, 76.1879, 56.2085



90.3793, 95.0458, 93.8179



65.8592, 58.1191, 65.7272



19.2619, 20.2546, 19.8166



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

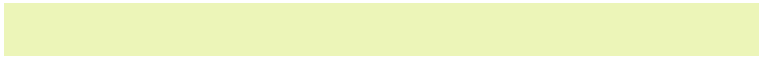
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9656, 76.1879, 56.2085



77.2544, 80.3509, 53.8207



75.8470, 86.5732, 58.0612



17.4065, 18.2971, 17.4118



27.2557, 24.3970, 3.2726



2.4910, 2.3352, 0.3195

Inverse Universe

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



58.0795, 60.4440, 94.9923



58.3156, 60.3254, 103.1781



55.6534, 52.2318, 93.5351



16.0475, 16.8592, 20.9509



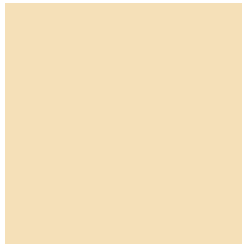
10.7162, 7.2261, 47.3680



1.0338, 0.8190, 4.1938

Previews

White Background



This preview shows how the XYZ color 72.9636, 76.1845, 56.2069 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 72.9636, 76.1845, 56.2069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

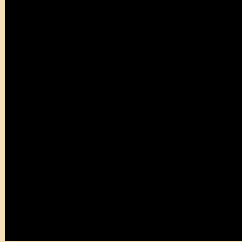
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9636, 76.1845, 56.2069

Background



This preview shows how black text looks on a background with the XYZ color 72.9636, 76.1845, 56.2069.



This preview shows how white text looks on a background with the XYZ color 72.9636, 76.1845,

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

72.9636, 76.1845, 56.2069

Protanopia

71.8885, 76.4208, 56.8607

Deuteranopia

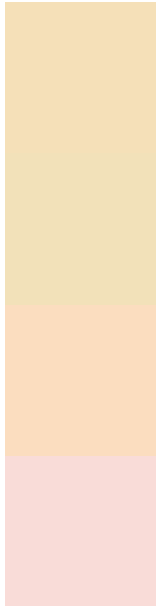
76.4218, 75.8632, 62.2449



Tritanopia

79.4478, 76.0755, 88.3386

Trichromacy



Original Color

72.9636, 76.1845, 56.2069

Protanomaly

72.3001, 76.2305, 56.8023

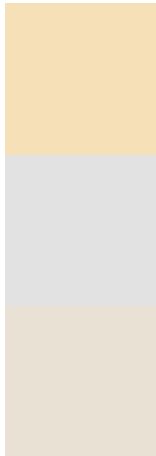
Deuteranomaly

75.0441, 75.9837, 60.0013

Tritanomaly

77.0548, 76.2840, 75.6288

Monochromacy



Original Color

72.9636, 76.1845, 56.2069

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2874, 75.8772, 72.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9636, 76.1845, 56.2069 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, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 184)  
}
```

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, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 184) }
```

Border

The CSS property to change the border of an element to XYZ 72.9636, 76.1845, 56.2069 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, 224, 184) }
```


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

```
.border{ border-color:rgb(245, 224, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9636, 76.1845, 56.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 184) }
```

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

```
.background{ background-color: rgb(245,  
224, 184) }
```

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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