

# Converting Colors

XYZ(72.0904, 76.1466, 55.6979)

Have a look what the booklet for  
XYZ(72.0904, 76.1466, 55.6979)  
contains.

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# **Color**

**XYZ(72.0904, 76.1466,  
55.6979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E1B7
RGB	242, 225, 183
RGB Percent	95%, 88%, 72%
CMY	0.0510, 0.1176, 0.2823
CMYK	0.00, 0.07, 0.24, 0.05
HSL	43°, 69%, 83%
HSV	43°, 24%, 95%
XYZ	72.0904, 76.1466, 55.6979
YIQ	225.2950, 23.6140, -9.4580

# Conversions

## Conversions Part 2

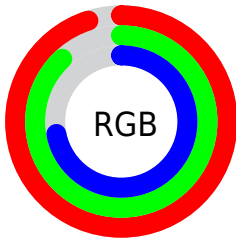
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 242, 183
Decimal	15917495
CIE Lab	89.93, -0.60, 22.68
CIE LCh	90, 22.689, 91.514
Yxy	76.1466, 0.3535, 0.3734
Android (android.graphics.Color)	4294107575 (0xFFFF2E1B7)
YUV	225.2950, -20.8514, 14.6503
Hunter-Lab	87.2620, -5.2430, 23.2396

# Details

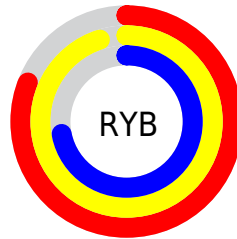
The XYZ color **72.0904, 76.1466, 55.6979** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.2093, 57.7851, 92.1958**, and the grayscale version is **71.9154, 75.6606, 82.3944**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **38.4116, 40.6754, 26.9457** is the 20% darker color. If you saturate the color by 10%, you get **67.9395, 71.5348, 42.9376**, and if you desaturate by 10%, it is **76.7554, 81.0924, 70.7679**.

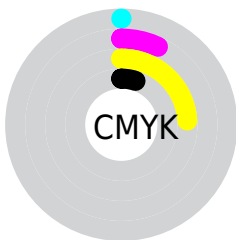
# Distribution



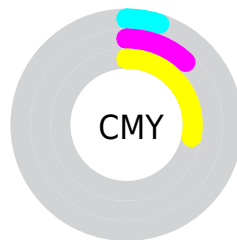
- Red (95%)
- Green (88%)
- Blue (72%)



- Red (81%)
- Yellow (95%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (5%)




- Cyan (5%)
- Magenta (12%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0904, 76.1466, 55.6979 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 72.0904, 76.1466, 55.6979 by changing the saturation by 10% instead.





 72.0904, 76.1466,  
55.6979

 72.0904, 76.1466,  
55.6979

457.0089,  
481.8494, 425.9083

 53.5183, 56.5527,  
39.5584


 121.1952,  
127.9341, 100.0441

 38.4458, 40.6463,  
26.8832


152.4585,  
160.8965, 129.0879

 26.5076, 28.0428,  
17.2539


188.6829,  
199.0839, 163.2702

 17.3385, 18.3579,  
10.2518

230.2338,  
242.8807, 203.0096

 10.5729, 11.2073,  
5.4584

277.4764,  
292.6713, 248.7245

 5.8456, 6.2064,  
2.4553

330.7763,

 2.7912, 2.9710,

348.8399, 300.8336

0.8163

390.4987,  
411.7712, 359.7553

■ 1.0443, 1.1166,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 72.0904, 76.1466,  
55.6979

■ 72.0904, 76.1466,  
55.6979

■ 67.9395, 71.5348,  
42.9376

■ 76.7554, 81.0924,  
70.7679

■ 64.2736, 67.2361,  
32.3652

■ 81.9499, 86.3719,  
88.2515

■ 61.0697, 63.2423,  
23.8551

■ 87.5990, 91.9591,  
107.7407

■ 58.3002, 59.5410,  
17.2666

■ 89.7583, 96.2778,  
108.4604

■ 55.9342, 56.1182,  
12.4415

■ 90.4281, 97.6173,  
108.6837

■ 53.9358, 52.9581,  
9.1962

■ 52.2615, 50.0415,  
7.3059

■ 51.4265, 48.4942,  
6.6498

# Harmonies

## Analogous

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



77.6441, 76.1466, 58.6085



72.0904, 76.1466, 55.6979



66.8804, 76.1466, 59.2587

# Triad

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



72.0904, 76.1466, 55.6979



63.5608, 76.1466, 100.1344



82.2788, 76.1466, 98.5394

# Complementary

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



72.0904, 76.1466, 55.6979



56.2093, 57.7851, 92.1958

# Split Complementary

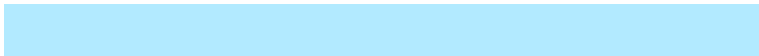
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1627, 76.1466, 112.1429



72.0904, 76.1466, 55.6979



67.3499, 76.1466, 113.1443

# Square

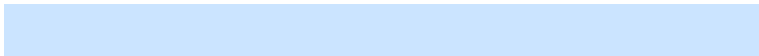
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0904, 76.1466, 55.6979



62.1160, 76.1466, 83.7297



72.6605, 76.1466, 117.7961



83.7057, 76.1466, 82.0971

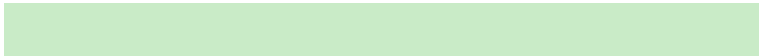


# Rectangle

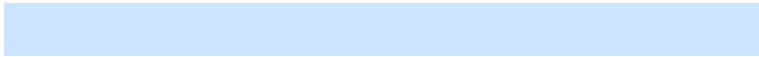
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0904, 76.1466, 55.6979



64.2536, 76.1466, 65.1286



72.6605, 76.1466, 117.7961



81.1536, 76.1466, 103.6664

# Sweetspot

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



72.0924, 76.1500, 55.6995



90.6896, 95.6664, 93.9213



64.0595, 56.9480, 62.6901



19.3339, 20.3985, 19.8405



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.



72.0924, 76.1500, 55.6995



78.9228, 83.2727, 55.6565



72.9972, 83.7797, 57.1245



16.7159, 17.6449, 16.6745



27.7495, 26.2971, 3.6133



2.3933, 2.3572, 0.3289



# Inverse Universe

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



56.2093, 57.7851, 92.1958



58.3207, 59.4557, 103.0100



55.4154, 51.8542, 91.0929



15.2681, 15.9703, 19.9995



9.8777, 5.9797, 45.7615

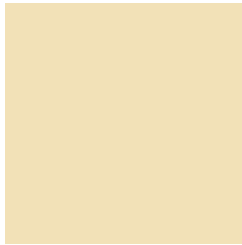


0.9039, 0.6618, 3.8343



# Previews

## White Background



This preview shows how the XYZ color 72.0904, 76.1466, 55.6979 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 72.0904, 76.1466, 55.6979 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

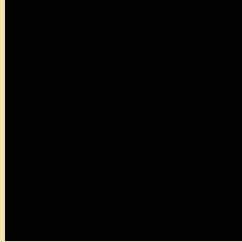
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.0904, 76.1466, 55.6979**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.0904, 76.1466, 55.6979.



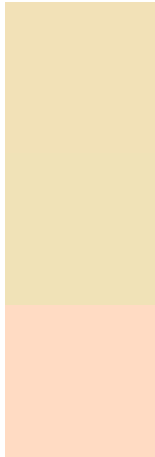
This preview shows how white text looks on a background with the XYZ color 72.0904, 76.1466,



# 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

72.0904, 76.1466, 55.6979

### Protanopia

71.6788, 76.3369, 55.7564

### Deuteranopia

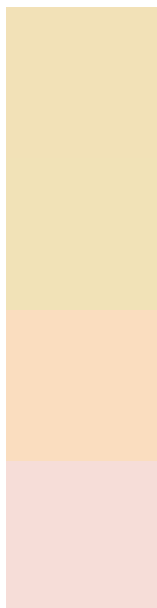
76.4218, 75.8632, 62.2449



## Tritanopia

78.7782, 76.0974, 89.1335

# Trichromacy



## Original Color

72.0904, 76.1466, 55.6979

## Protanomaly

72.0192, 76.5124, 55.7723

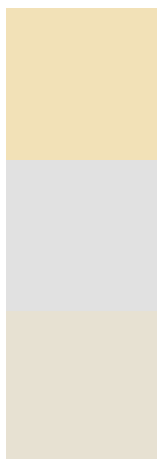
## Deuteranomaly

74.6848, 75.7985, 59.9845

## Tritanomaly

76.2572, 76.2636, 75.6669

# Monochromacy



## Original Color

72.0904, 76.1466, 55.6979

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

71.5131, 75.4925, 71.7751

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.0904, 76.1466, 55.6979 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(242, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 183)  
}
```

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(242, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 183) }
```

## Border

The CSS property to change the border of an element to XYZ 72.0904, 76.1466, 55.6979 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(242, 225, 183) }
```



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

```
.border{ border-color:rgb(242, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 225, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 225, 183); box-shadow:4px 4px 4px 4px rgb(242, 225, 183) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.0904, 76.1466, 55.6979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 183) }
```

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

```
.background{ background-color: rgb(242,  
225, 183) }
```

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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