

Converting Colors

XYZ(66.2899, 72.1680, 29.1668)

Have a look what the booklet for
XYZ(66.2899, 72.1680, 29.1668)
contains.

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Color

**XYZ(66.3938, 72.1976,
29.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DD7B
RGB	243, 221, 123
RGB Percent	95%, 87%, 48%
CMY	0.0471, 0.1333, 0.5176
CMYK	0.00, 0.09, 0.49, 0.05
HSL	49°, 83%, 72%
HSV	49°, 49%, 95%
XYZ	66.3938, 72.1976, 29.1751
YIQ	216.4060, 44.5700, -25.8140

Conversions

Conversions Part 2

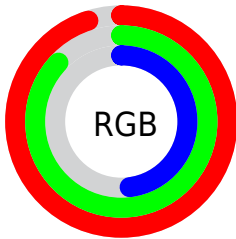
Format	Color
RYB	150, 243, 123
Decimal	15981947
CIELab	88.06, -4.91, 50.48
CIELCh	88, 50.720, 95.553
Yxy	72.1976, 0.3958, 0.4303
Android (android.graphics.Color)	4294172027 (0xFFFF3DD7B)
YUV	216.4060, -46.0492, 23.3229
Hunter-Lab	84.9692, -9.2185, 39.1205

Details

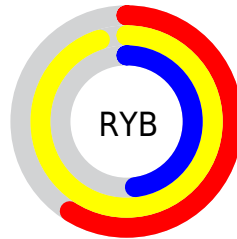
The XYZ color **66.3938, 72.1976, 29.1751** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.4713, 30.9320, 88.9476**, and the grayscale version is **65.8319, 69.2603, 75.4245**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **34.7811, 38.0417, 11.4708** is the 20% darker color. If you saturate the color by 10%, you get **63.8977, 69.3451, 21.7472**, and if you desaturate by 10%, it is **69.3021, 75.2703, 38.6045**.

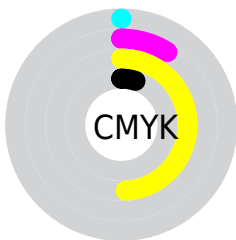
Distribution



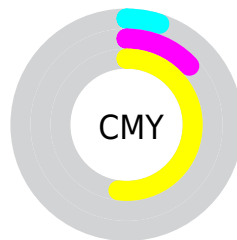
- Red (95%)
- Green (87%)
- Blue (48%)



- Red (59%)
- Yellow (95%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3938, 72.1976, 29.1751 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 66.3938, 72.1976, 29.1751 by changing the saturation by 10% instead.

66.3938, 72.1976,
29.1751

66.3938, 72.1976,
29.1751

437.2504,
468.2291, 312.1270

48.8610, 53.3201,
18.9666

113.1060,
122.3374, 59.4007

34.7233, 38.0584,
11.4696

143.0161,
154.3685, 80.2548

23.6154, 26.0280,
6.2655

177.7826,
191.5530, 105.4946

15.1717, 16.8446,
2.9358

217.7711,
234.2752, 135.5386

9.0271, 10.1237,
1.0619

263.3467,
282.9195, 170.8053

4.8161, 5.4811,
0.0000

314.8749,

2.1734, 2.5322,

337.8703, 211.7132

0.0000

372.7210,
399.5120, 258.6809

■ 0.7287, 0.8927,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3938, 72.1976,
29.1751

■ 66.3938, 72.1976,
29.1751

■ 63.8977, 69.3451,
21.7472

■ 69.3021, 75.2703,
38.6045

■ 61.7799, 66.6908,
16.1664


■ 72.6433, 78.5637,
50.1656


■ 60.0094, 64.2245,
12.2630


■ 76.4425, 82.0910,
63.9828

■ 58.5474, 61.9304,
9.8338


■ 80.7216, 85.8613,
80.1694


 57.3333, 59.7839,
8.5608

 85.5008, 89.8831,
98.8315

 57.2619, 59.6542,
8.4964

 88.4963, 93.2431,
107.9412

 89.8801, 96.0105,
108.4024

 90.7721, 97.7947,
108.6998

Harmonies

Analogous

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



78.7134, 72.1976, 32.1993



66.3938, 72.1976, 29.1751



55.9569, 72.1976, 35.8898

Triad

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



66.3938, 72.1976, 29.1751



51.3717, 72.1976, 124.0953



92.0691, 72.1976, 109.5555

Complementary

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



66.3938, 72.1976, 29.1751



34.4713, 30.9320, 88.9476

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.



83.0662, 72.1976, 146.2811



66.3938, 72.1976, 29.1751



59.4316, 72.1976, 156.2589

Square

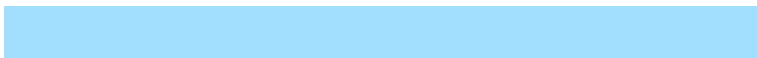
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3938, 72.1976, 29.1751



47.9623, 72.1976, 85.2397



70.8988, 72.1976, 165.3861



94.4961, 72.1976, 72.3350

Rectangle

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



66.3938, 72.1976, 29.1751



51.1597, 72.1976, 46.6092



70.8988, 72.1976, 165.3861



89.6637, 72.1976, 122.6726

Sweetspot

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



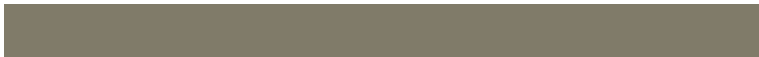
66.3955, 72.2010, 29.1766



87.2960, 93.3850, 78.8994



49.1564, 35.2657, 31.0051



18.4732, 19.8001, 16.0918



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.



66.3955, 72.2010, 29.1766



71.3521, 77.4414, 24.4307



60.8030, 78.5105, 30.6892



17.6413, 18.7668, 17.4901



31.5195, 32.9246, 4.6938



2.8358, 3.0249, 0.4344

Inverse Universe

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



34.4713, 30.9320, 88.9476



32.0913, 26.7326, 98.0763



37.9593, 28.2149, 88.2393



15.8268, 16.4179, 20.8774



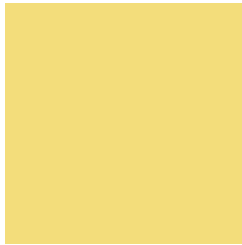
9.4543, 4.7024, 46.9474



0.8972, 0.5458, 4.1483

Previews

White Background



This preview shows how the XYZ color 66.3938, 72.1976, 29.1751 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 66.3938, 72.1976, 29.1751 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 66.3938, 72.1976, 29.1751

Background



This preview shows how black text looks on a background with the XYZ color 66.3938, 72.1976, 29.1751.



This preview shows how white text looks on a background with the XYZ color 66.3938, 72.1976,

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

66.3938, 72.1976, 29.1751

Protanopia

66.3938, 72.1976, 29.1751

Deuteranopia

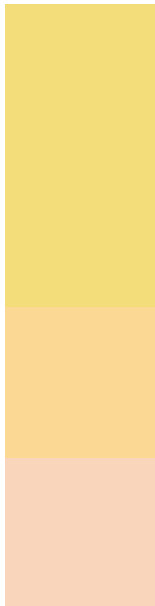
71.9874, 72.0335, 45.2317



Tritanopia

76.8991, 71.9198, 81.0631

Trichromacy



Original Color

66.3938, 72.1976, 29.1751

Protanomaly

66.3938, 72.1976, 29.1751

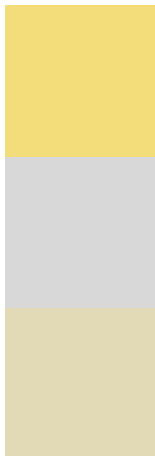
Deuteranomaly

70.0213, 72.3049, 38.6995

Tritanomaly

71.9383, 71.3591, 57.5591

Monochromacy



Original Color

66.3938, 72.1976, 29.1751

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.8789, 69.6890, 54.2878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3938, 72.1976, 29.1751 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, 221, 123)` looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 123)  
}
```

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, 221, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 123) }
```

Border

The CSS property to change the border of an element to XYZ 66.3938, 72.1976, 29.1751 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, 221, 123) }
```


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

```
.border{ border-color:rgb(243, 221, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 221, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 221, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 221, 123);  
box-shadow:4px 4px 4px 4px rgb(243, 221,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3938, 72.1976, 29.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 123) }
```

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

```
.background{ background-color: rgb(243,  
221, 123) }
```

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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