

Converting Colors

XYZ(66.5554, 73.3992, 22.5517)

Have a look what the booklet for
XYZ(66.5554, 73.3992, 22.5517)
contains.

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Color

**XYZ(66.2960, 73.0887,
22.4177)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DF63
RGB	245, 223, 99
RGB Percent	96%, 87%, 39%
CMY	0.0392, 0.1255, 0.6118
CMYK	0.00, 0.09, 0.60, 0.04
HSL	51°, 88%, 67%
HSV	51°, 60%, 96%
XYZ	66.2960, 73.0887, 22.4177
YIQ	215.4420, 52.9160, -33.9000

Conversions

Conversions Part 2

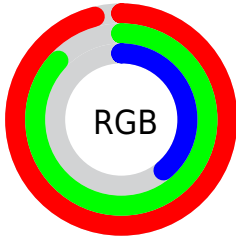
Format	Color
RYB	125, 245, 99
Decimal	16113507
CIELab	88.49, -6.96, 62.06
CIELCh	88, 62.447, 96.402
Yxy	73.0887, 0.4097, 0.4517
Android (android.graphics.Color)	4294303587 (0xFFFF5DF63)
YUV	215.4420, -57.4059, 25.9224
Hunter-Lab	85.4919, -11.1904, 44.2973

Details

The XYZ color **66.2960, 73.0887, 22.4177** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.4642, 22.9192, 89.3094**, and the grayscale version is **65.2450, 68.6428, 74.7520**.

A 20% lighter version of the original color is **82.8327, 95.1131, 44.5648**, and **34.6884, 38.6188, 7.9114** is the 20% darker color. If you saturate the color by 10%, you get **64.3231, 70.7416, 16.8322**, and if you desaturate by 10%, it is **68.6491, 75.6278, 29.8840**.

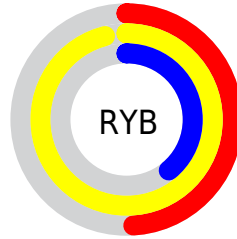
Distribution



Red (96%)

Green (87%)

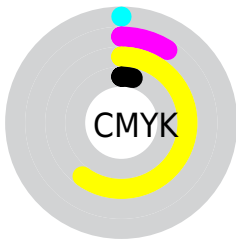
Blue (39%)



Red (49%)

Yellow (96%)

Blue (39%)

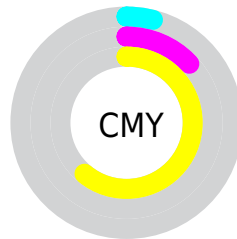


Cyan (0%)

Magenta (9%)

Yellow (60%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2960, 73.0887, 22.4177 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 66.2960, 73.0887, 22.4177 by changing the saturation by 10% instead.

66.2960, 73.0887,
22.4177

66.2960, 73.0887,
22.4177

436.9067,
471.3222, 277.7442

48.7813, 54.0485,
13.9629

112.9664,
123.6031, 48.3464

34.6599, 38.6404,
7.9564

142.8529,
155.8461, 66.6574

23.5663, 26.4801,
3.9797

177.5940,
193.2589, 89.0909

15.1352, 17.1832,
1.6142

217.5552,
236.2257, 116.0653

9.0012, 10.3652,
0.3009

263.1016,
285.1311, 147.9994

4.7991, 5.6417,
0.0000

314.5988,

2.1634, 2.6285,

340.3593, 185.3115

0.0000

372.4120,
402.2949, 228.4203

■ 0.7234, 0.9410,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2960, 73.0887,
22.4177

■ 66.2960, 73.0887,
22.4177

■ 64.3231, 70.7416,
16.8322

■ 68.6491, 75.6278,
29.8840

■ 62.6917, 68.5626,
12.9477


■ 71.4064, 78.3604,
39.3799


■ 61.3641, 66.5390,
10.5575


■ 74.5960, 81.3007,
51.0446

■ 60.2769, 64.6453,
9.3297

■ 78.2418, 84.4586,
65.0036

 60.2345, 64.5693,
9.2884

 82.3659, 87.8430,
81.3729

 86.9890, 91.4624,
100.2605

 89.5327, 94.2857,
108.0878

 90.6837, 96.5878,
108.4715

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



81.6899, 73.0887, 25.2838



66.2960, 73.0887, 22.4177



53.6926, 73.0887, 29.8284

Triad

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



66.2960, 73.0887, 22.4177



48.7101, 73.0887, 139.4881



99.4552, 73.0887, 117.5187

Complementary

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



66.2960, 73.0887, 22.4177



28.4642, 22.9192, 89.3094

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.



88.0667, 73.0887, 166.4999



66.2960, 73.0887, 22.4177



58.5314, 73.0887, 182.0562

Square

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



66.2960, 73.0887, 22.4177



44.5279, 73.0887, 89.1705



72.7409, 73.0887, 193.4025



102.3227, 73.0887, 70.7052

Rectangle

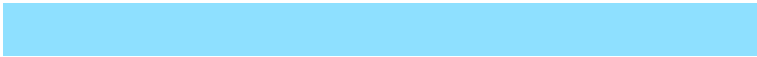
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2960, 73.0887, 22.4177



48.0726, 73.0887, 42.0097



72.7409, 73.0887, 193.4025



96.4240, 73.0887, 134.7199

Sweetspot

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



66.2977, 73.0921, 22.4192



86.3547, 93.0559, 73.7967



45.7144, 29.7752, 22.1872



18.2178, 19.6941, 14.7587



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.



66.2977, 73.0921, 22.4192



69.9530, 76.8457, 17.1746



57.7565, 77.9860, 23.8140



17.6896, 18.8632, 17.5062



32.5315, 34.9486, 5.0312



2.9157, 3.1846, 0.4610

Inverse Universe

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



28.4642, 22.9192, 89.3094



25.1453, 17.5094, 96.6621



33.0964, 21.7819, 88.8457



15.7826, 16.3295, 20.8626



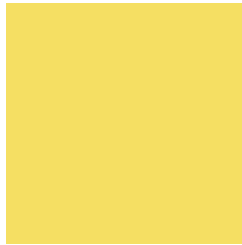
9.2951, 4.3840, 46.8943



0.8763, 0.5039, 4.1413

Previews

White Background



This preview shows how the XYZ color 66.2960, 73.0887, 22.4177 looks on a white background.

Color Contrast Check

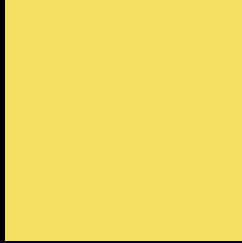
Large Text (above 18pt) WCAG AA × Fail

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 66.2960, 73.0887, 22.4177 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 66.2960, 73.0887, 22.4177

Background



This preview shows how black text looks on a background with the XYZ color 66.2960, 73.0887, 22.4177.

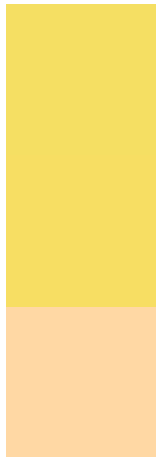


This preview shows how white text looks on a background with the XYZ color 66.2960, 73.0887,

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

66.2960, 73.0887, 22.4177

Protanopia

66.7312, 72.9176, 22.3618

Deuteranopia

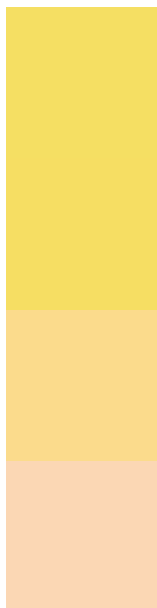
72.4967, 73.0521, 45.4014



Tritanopia

78.0141, 72.8442, 81.9001

Trichromacy



Original Color

66.2960, 73.0887, 22.4177

Protanomaly

66.3794, 72.7362, 22.3453

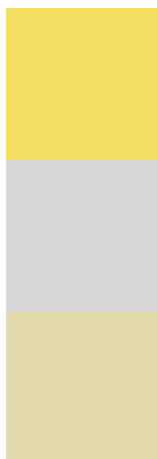
Deuteranomaly

69.8488, 73.0657, 35.2326

Tritanomaly

72.3223, 72.4054, 53.3439

Monochromacy



Original Color

66.2960, 73.0887, 22.4177

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9783, 69.3287, 49.5449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2960, 73.0887, 22.4177 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, 223, 99)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 99)  
}
```

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, 223, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 99) }
```

Border

The CSS property to change the border of an element to XYZ 66.2960, 73.0887, 22.4177 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, 223, 99) }
```


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

```
.border{ border-color:rgb(245, 223, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 223, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 99);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2960, 73.0887, 22.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 99) }
```

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

```
.background{ background-color: rgb(245,  
223, 99) }
```

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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