

Converting Colors

XYZ(66.3259, 70.3430, 41.0922)

Have a look what the booklet for
XYZ(66.3259, 70.3430, 41.0922)
contains.

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Color

**XYZ(66.3259, 70.3430,
41.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD99B
RGB	239, 217, 155
RGB Percent	94%, 85%, 61%
CMY	0.0627, 0.1490, 0.3921
CMYK	0.00, 0.09, 0.35, 0.06
HSL	44°, 72%, 77%
HSV	44°, 35%, 94%
XYZ	66.3259, 70.3430, 41.0922
YIQ	216.5100, 33.0140, -14.6180

Conversions

Conversions Part 2

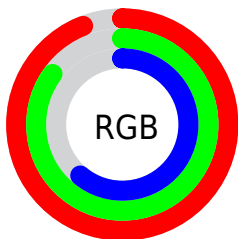
Format	Color
R _Y B	185, 239, 155
Decimal	15718811
CIE Lab	87.16, -1.18, 33.34
CIE LCh	87, 33.360, 92.035
Yxy	70.3430, 0.3731, 0.3957
Android (android.graphics.Color)	4293908891 (0xFFEFD99B)
YUV	216.5100, -30.3244, 19.7237
Hunter-Lab	83.8707, -5.6140, 29.6606

Details

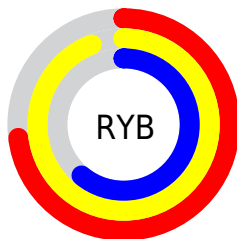
The XYZ color **66.3259, 70.3430, 41.0922** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.8194, 44.6436, 87.9163**, and the grayscale version is **65.8045, 69.2315, 75.3931**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **34.6599, 36.7650, 18.1015** is the 20% darker color. If you saturate the color by 10%, you get **62.9321, 66.4557, 31.0194**, and if you desaturate by 10%, it is **70.1818, 74.5181, 53.2804**.

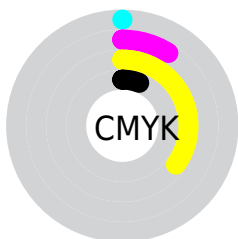
Distribution



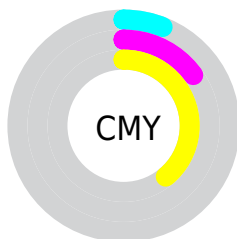
- Red (94%)
- Green (85%)
- Blue (61%)



- Red (73%)
- Yellow (94%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3259, 70.3430, 41.0922 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 66.3259, 70.3430, 41.0922 by changing the saturation by 10% instead.

66.3259, 70.3430,
41.0922

66.3259, 70.3430,
41.0922

437.0118,
461.7534, 366.3939

48.8057, 51.8062,
28.0709

113.0091,
119.6978, 78.0790

34.6793, 36.8506,
18.1396

142.9028,
151.2845, 102.8816

23.5813, 25.0919,
10.8798

177.6517,
187.9901, 132.4484

15.1463, 16.1455,
5.8729

217.6212,
230.1988, 167.1979

9.0091, 9.6272,
2.7004

263.1766,
278.2951, 207.5487

4.8043, 5.1525,
0.9436

314.6832,

2.1665, 2.3370,

332.6634, 253.9192

0.0000

372.5065,
393.6880, 306.7281

■ 0.7250, 0.7932,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3259, 70.3430,
41.0922

■ 66.3259, 70.3430,
41.0922

■ 62.9321, 66.4557,
31.0194

■ 70.1818, 74.5181,
53.2804

■ 59.9707, 62.8356,
22.9334

■ 74.5166, 78.9811,
67.6939

■ 57.4169, 59.4743,
16.6984

■ 79.3529, 83.7447,
84.4398

■ 55.2405, 56.3586,
12.1594

■ 84.7101, 88.8177,
103.6172

■ 53.4067, 53.4734,
9.1360

■ 87.3052, 92.8878,
107.9354

■ 51.8727, 50.8005,
7.4067

■ 89.2646, 96.8066,
108.5885

■ 51.2045, 49.5665,
6.8685

■ 89.4067, 97.0908,
108.6359

Harmonies

Analogous

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



74.1661, 70.3430, 44.4859



66.3259, 70.3430, 41.0922



59.1906, 70.3430, 45.5600

Triad

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



66.3259, 70.3430, 41.0922



54.8970, 70.3430, 101.8003



81.0494, 70.3430, 98.6290

Complementary

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



66.3259, 70.3430, 41.0922



44.8194, 44.6436, 87.9163

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.



75.1625, 70.3430, 119.2397



66.3259, 70.3430, 41.0922



60.0481, 70.3430, 121.3075

Square

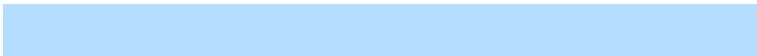
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3259, 70.3430, 41.0922



52.9203, 70.3430, 78.1324



67.3948, 70.3430, 128.2353



83.0524, 70.3430, 75.0712

Rectangle

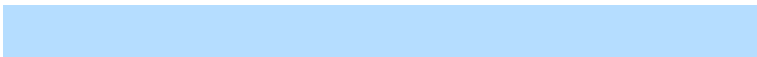
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3259, 70.3430, 41.0922



55.6836, 70.3430, 53.0220



67.3948, 70.3430, 128.2353



79.4376, 70.3430, 106.2785

Sweetspot

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



66.3277, 70.3462, 41.0937



88.5598, 93.7264, 86.0603



55.2943, 44.9845, 47.5737



18.7950, 19.9022, 17.8682



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.



66.3277, 70.3462, 41.0937



74.0347, 78.3095, 39.1887



66.1173, 79.2220, 42.8180



16.7523, 17.7177, 16.6866



28.4090, 27.6161, 3.8331



2.4437, 2.4581, 0.3457

Inverse Universe

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



44.8194, 44.6436, 87.9163



45.7589, 44.5350, 100.7921



44.8917, 38.7434, 86.7737



15.2338, 15.9017, 19.9880



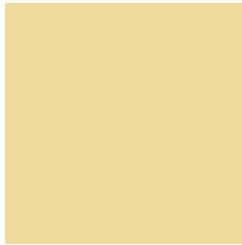
9.6698, 5.5639, 45.6922



0.8827, 0.6194, 3.8273

Previews

White Background



This preview shows how the XYZ color 66.3259, 70.3430, 41.0922 looks on a white background.

Color Contrast Check

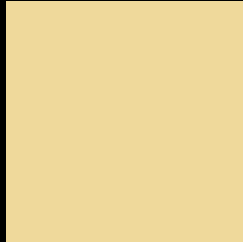
Large Text (above 18pt) WCAG AA × Fail

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 66.3259, 70.3430, 41.0922 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 66.3259, 70.3430, 41.0922

Background



This preview shows how black text looks on a background with the XYZ color 66.3259, 70.3430, 41.0922.



This preview shows how white text looks on a background with the XYZ color 66.3259, 70.3430,

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

66.3259, 70.3430, 41.0922

Protanopia

65.3331, 70.2053, 41.5600

Deuteranopia

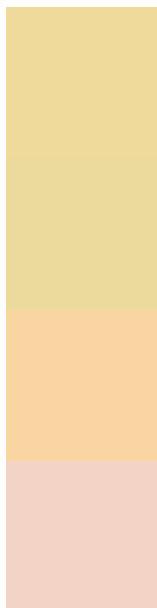
71.0781, 70.0698, 45.3759



Tritanopia

74.3682, 70.2677, 80.1644

Trichromacy



Original Color

66.3259, 70.3430, 41.0922

Protanomaly

65.6642, 70.3760, 41.5755

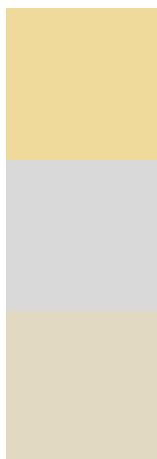
Deuteranomaly

69.2942, 70.3014, 43.6356

Tritanomaly

70.9113, 69.9451, 63.7962

Monochromacy



Original Color

66.3259, 70.3430, 41.0922

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6018, 69.5283, 61.0017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3259, 70.3430, 41.0922 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(239, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 155)  
}
```

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(239, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 155) }
```

Border

The CSS property to change the border of an element to XYZ 66.3259, 70.3430, 41.0922 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(239, 217, 155) }
```


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

```
.border{ border-color:rgb(239, 217, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 217, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3259, 70.3430, 41.0922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 155) }
```

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

```
.background{ background-color: rgb(239,  
217, 155) }
```

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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