

Converting Colors

XYZ(66.4510, 74.6443, 19.0802)

Have a look what the booklet for
XYZ(66.4510, 74.6443, 19.0802)
contains.

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Color

**XYZ(66.4139, 74.4297,
19.0496)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E253
RGB	245, 226, 83
RGB Percent	96%, 89%, 33%
CMY	0.0392, 0.1137, 0.6745
CMYK	0.00, 0.08, 0.66, 0.04
HSL	53°, 89%, 64%
HSV	53°, 66%, 96%
XYZ	66.4139, 74.4297, 19.0496
YIQ	215.3790, 57.2270, -40.4450

Conversions

Conversions Part 2

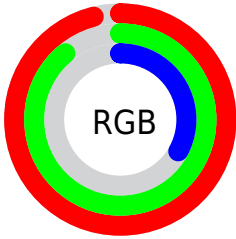
Format	Color
R_{YB}	105, 245, 83
Decimal	16114259
CIE _{Lab}	89.13, -9.44, 69.39
CIE _{LCh}	89, 70.030, 97.746
Yxy	74.4297, 0.4154, 0.4655
Android (android.graphics.Color)	4294304339 (0xFFFF5E253)
YUV	215.3790, -65.2628, 25.9776
Hunter-Lab	86.2726, -13.5653, 47.2992

Details

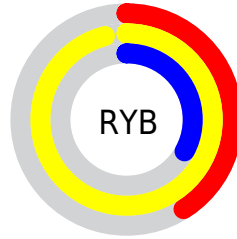
The XYZ color **66.4139, 74.4297, 19.0496** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **24.8002, 17.9340, 88.5403**, and the grayscale version is **65.2518, 68.6500, 74.7599**.

A 20% lighter version of the original color is **81.6602, 94.6441, 38.3903**, and **34.6640, 39.4775, 6.2831** is the 20% darker color. If you saturate the color by 10%, you get **64.8561, 72.5700, 14.6598**, and if you desaturate by 10%, it is **68.3223, 76.4562, 25.2060**.

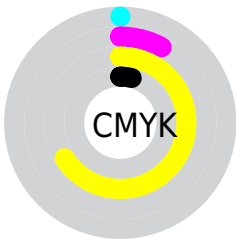
Distribution



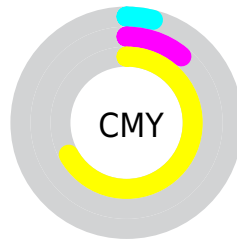
- Red (96%)
- Green (89%)
- Blue (33%)



- Red (41%)
- Yellow (96%)
- Blue (33%)



- Cyan (0%)
- Magenta (8%)
- Yellow (66%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4139, 74.4297, 19.0496 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 66.4139, 74.4297, 19.0496 by changing the saturation by 10% instead.

66.4139, 74.4297,
19.0496

66.4139, 74.4297,
19.0496

437.3210,
475.9551, 259.1543

48.8774, 55.1458,
11.5289

113.1346,
125.5047, 42.6557

34.7364, 39.5185,
6.3052

143.0496,
158.0647, 59.5782

23.6254, 27.1633,
2.9597

177.8214,
195.8188, 80.4718

15.1792, 17.6959,
1.0741

217.8155,
239.1514, 105.7550

9.0324, 10.7319,
0.0000

263.3971,
288.4469, 135.8463

4.8196, 5.8868,
0.0000

314.9317,

2.1755, 2.7764,

344.0898, 171.1642

0.0000

372.7845,
406.4644, 212.1274

■ 0.7298, 1.0161,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4139, 74.4297,
19.0496

■ 66.4139, 74.4297,
19.0496

■ 64.8561, 72.5700,
14.6598

■ 68.3223, 76.4562,
25.2060

■ 63.6067, 70.8517,
11.8370


■ 70.6079, 78.6518,
33.2913


■ 62.6213, 69.2597,
10.3409


■ 73.3003, 81.0313,
43.4542


■ 62.2823, 68.6650,
9.9710

■ 76.4251, 83.6050,
55.8277

 80.0052, 86.3821,
70.5340

 84.0624, 89.3715,
87.6859

 88.6167, 92.5813,
107.3892

 89.5775, 94.3753,
108.1028

 90.4721, 96.1645,
108.4010

Harmonies

Analogous

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



83.9062, 74.4297, 21.4852



66.4139, 74.4297, 19.0496



52.5042, 74.4297, 27.1450

Triad

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



66.4139, 74.4297, 19.0496



47.8477, 74.4297, 153.2186



105.6490, 74.4297, 122.0758

Complementary

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



66.4139, 74.4297, 19.0496



24.8002, 17.9340, 88.5403

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.



92.7815, 74.4297, 180.3243



66.4139, 74.4297, 19.0496



59.0343, 74.4297, 202.7750

Square

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



66.4139, 74.4297, 19.0496



42.9657, 74.4297, 94.3727



75.2567, 74.4297, 214.3030



108.4749, 74.4297, 69.0285

Rectangle

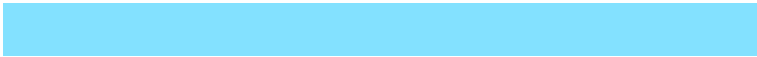
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4139, 74.4297, 19.0496



46.4722, 74.4297, 40.5363



75.2567, 74.4297, 214.3030



102.2650, 74.4297, 142.2202

Sweetspot

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



66.4156, 74.4332, 19.0511



86.0211, 93.3837, 70.6178



43.2791, 26.6114, 16.1136



18.1767, 19.8051, 14.1496



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.



66.4156, 74.4332, 19.0511



70.5780, 78.8875, 14.9418



54.3667, 76.3183, 20.0500



17.7391, 18.9623, 17.5227



33.6199, 37.1253, 5.3939



3.0009, 3.3550, 0.4894

Inverse Universe

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



24.8002, 17.9340, 88.5403



22.2130, 13.3233, 96.0086



30.7995, 18.5662, 88.3461



15.7376, 16.2395, 20.8476



9.1625, 4.1187, 46.8501



0.8550, 0.4614, 4.1342

Previews

White Background



This preview shows how the XYZ color 66.4139, 74.4297, 19.0496 looks on a white background.

Color Contrast Check

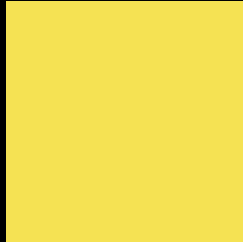
Large Text (above 18pt) WCAG AA × Fail

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 66.4139, 74.4297, 19.0496 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 66.4139, 74.4297, 19.0496

Background



This preview shows how black text looks on a background with the XYZ color 66.4139, 74.4297, 19.0496.

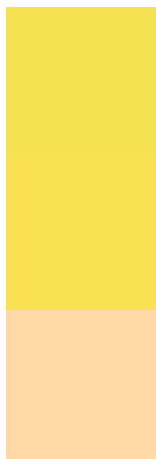


This preview shows how white text looks on a background with the XYZ color 66.4139, 74.4297,

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

66.4139, 74.4297, 19.0496

Protanopia

67.6413, 74.2598, 18.9521

Deuteranopia

73.3793, 74.2300, 47.5061



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

66.4139, 74.4297, 19.0496

Protanomaly

67.1979, 74.4314, 19.0086

Deuteranomaly

70.1555, 74.0283, 34.2582

Tritanomaly

72.5929, 73.7472, 50.9660

Monochromacy



Original Color

66.4139, 74.4297, 19.0496

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.6706, 69.6218, 46.6418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4139, 74.4297, 19.0496 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, 226, 83)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 83)  
}
```

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, 226, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 83) }
```

Border

The CSS property to change the border of an element to XYZ 66.4139, 74.4297, 19.0496 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, 226, 83) }
```


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

```
.border{ border-color:rgb(245, 226, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 83);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4139, 74.4297, 19.0496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 83) }
```

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

```
.background{ background-color: rgb(245,  
226, 83) }
```

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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