

Converting Colors

XYZ(67.8516, 74.5897, 32.2104)

Have a look what the booklet for
XYZ(67.8516, 74.5897, 32.2104)
contains.

XYZ(67.6399, 74.3664, 32.2619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.6399, 74.3664,
32.2619)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E183
RGB	242, 225, 131
RGB Percent	95%, 88%, 51%
CMY	0.0510, 0.1176, 0.4863
CMYK	0.00, 0.07, 0.46, 0.05
HSL	51°, 81%, 73%
HSV	51°, 46%, 95%
XYZ	67.6399, 74.3664, 32.2619
YIQ	219.3670, 40.3060, -25.6300

Conversions

Conversions Part 2

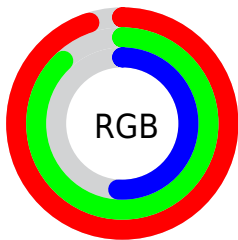
Format	Color
R_{YB}	151, 242, 131
Decimal	15917443
CIE _{Lab}	89.10, -6.60, 47.87
CIE _{LCh}	89, 48.318, 97.847
Yxy	74.3664, 0.3881, 0.4267
Android (android.graphics.Color)	4294107523 (0xFF2E183)
YUV	219.3670, -43.5649, 19.8491
Hunter-Lab	86.2360, -10.9049, 38.1841

Details

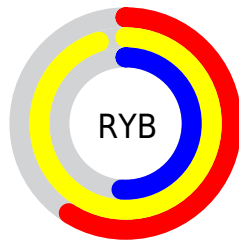
The XYZ color **67.6399, 74.3664, 32.2619** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.9767, 32.4149, 88.3647**, and the grayscale version is **67.8621, 71.3962, 77.7505**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **35.5532, 39.5043, 13.1484** is the 20% darker color. If you saturate the color by 10%, you get **65.1974, 71.8068, 24.2794**, and if you desaturate by 10%, it is **70.4908, 77.1296, 42.2719**.

Distribution



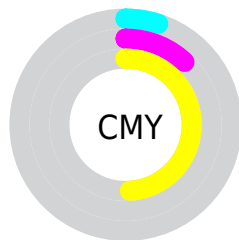
- Red (95%)
- Green (88%)
- Blue (51%)



- Red (59%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (46%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6399, 74.3664, 32.2619 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 67.6399, 74.3664, 32.2619 by changing the saturation by 10% instead.

67.6399, 74.3664,
32.2619

67.6399, 74.3664,
32.2619

441.6159,
475.7370, 326.8400

49.8774, 55.0940,
21.2951

114.8816,
125.4151, 64.3241

35.5334, 39.4770,
13.1466

145.0915,
157.9601, 86.2566

24.2425, 27.1310,
7.3976

180.1813,
195.6981, 112.6815

15.6393, 17.6716,
3.6298

220.5164,
239.0135, 144.0173

9.3585, 10.7145,
1.4245

266.4620,
288.2907, 180.6825

5.0347, 5.8752,
0.1607

318.3835,

2.3026, 2.7693,

343.9141, 223.0956

0.0000

376.6464,
406.2681, 271.6753

■ 0.7960, 1.0125,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6399, 74.3664,
32.2619

■ 67.6399, 74.3664,
32.2619

■ 65.1974, 71.8068,
24.2794

■ 70.4908, 77.1296,
42.2719

■ 63.1308, 69.4294,
18.1773


■ 73.7693, 80.0961,
54.4337


■ 61.4110, 67.2251,
13.7960


■ 77.4997, 83.2785,
68.8669


■ 60.0022, 65.1793,
10.9472


■ 81.7030, 86.6855,
85.6810


 58.8601, 63.2740,
9.3981


 86.3987, 90.3252,
104.9784

 58.4373, 62.5161,
8.9868

 88.0008, 92.7632,
107.8747

 89.1466, 95.0547,
108.2566

 90.3150, 97.3915,
108.6461

 90.4278, 97.6172,
108.6837

Harmonies

Analogous

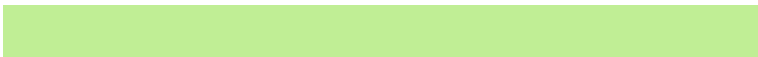
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5594, 74.3664, 34.5759



67.6399, 74.3664, 32.2619



57.6943, 74.3664, 39.8369

Triad

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



67.6399, 74.3664, 32.2619



54.2850, 74.3664, 127.5721



93.7685, 74.3664, 107.9363

Complementary

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



67.6399, 74.3664, 32.2619



35.9767, 32.4149, 88.3647

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.



85.4881, 74.3664, 143.6486



67.6399, 74.3664, 32.2619



62.4927, 74.3664, 157.0021

Square

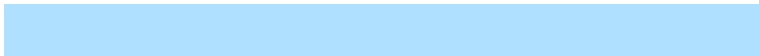
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6399, 74.3664, 32.2619



50.5613, 74.3664, 90.1417



73.8161, 74.3664, 163.5842



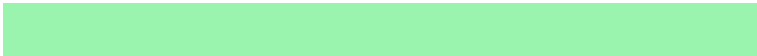
95.5397, 74.3664, 72.4470

Rectangle

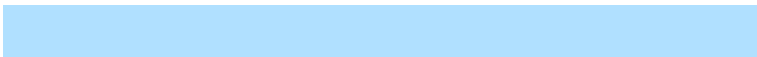
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6399, 74.3664, 32.2619



53.2115, 74.3664, 51.1606



73.8161, 74.3664, 163.5842



91.6130, 74.3664, 120.5680

Sweetspot

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



67.6417, 74.3698, 32.2634



88.1068, 94.4725, 80.8164



50.1995, 37.2965, 33.1976



18.6499, 20.0484, 16.4748



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.



67.6417, 74.3698, 32.2634



73.6088, 81.0694, 27.9127



61.0260, 78.1221, 33.3364



16.9047, 18.0226, 16.7375



31.4748, 33.7476, 4.8550



2.6736, 2.9178, 0.4223

Inverse Universe

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



35.9767, 32.4149, 88.3647



33.9228, 28.5188, 98.3245



40.2925, 30.9691, 87.8581



15.0926, 15.6193, 19.9410



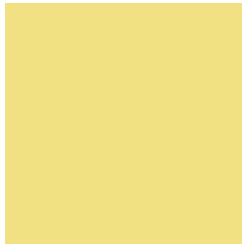
9.0277, 4.2796, 45.4781



0.8095, 0.4729, 3.8028

Previews

White Background



This preview shows how the XYZ color 67.6399, 74.3664, 32.2619 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 67.6399, 74.3664, 32.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

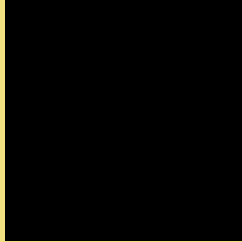
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6399, 74.3664, 32.2619

Background



This preview shows how black text looks on a background with the XYZ color 67.6399, 74.3664, 32.2619.



This preview shows how white text looks on a background with the XYZ color 67.6399, 74.3664,

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

67.6399, 74.3664, 32.2619

Protanopia

68.4086, 74.3625, 32.2206

Deuteranopia

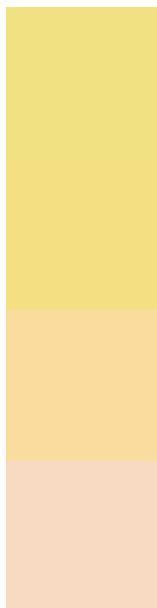
73.9514, 74.4588, 50.5187



Tritanopia

78.2221, 73.9971, 85.0230

Trichromacy



Original Color

67.6399, 74.3664, 32.2619

Protanomaly

68.0606, 74.1831, 32.2043

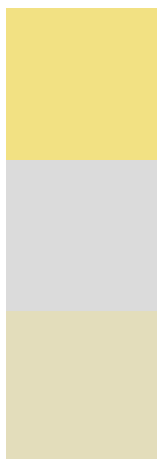
Deuteranomaly

71.4523, 74.5055, 42.9628

Tritanomaly

73.2619, 73.4772, 61.3601

Monochromacy



Original Color

67.6399, 74.3664, 32.2619

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.5046, 71.6317, 57.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6399, 74.3664, 32.2619 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 131) }
```

Border

The CSS property to change the border of an element to XYZ 67.6399, 74.3664, 32.2619 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, 131) }
```


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

```
.border{ border-color:rgb(242, 225, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 131);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6399, 74.3664, 32.2619 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, 131) }
```

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

```
.background{ background-color: rgb(242,  
225, 131) }
```

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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