

Converting Colors

XYZ(64.1664, 71.2544, 34.7530)

Have a look what the booklet for
XYZ(64.1664, 71.2544, 34.7530)
contains.

| | |
|--|----|
| XYZ(64.0602, 71.2624, 34.8048) | 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(64.0602, 71.2624,
34.8048)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8DE8B |
| RGB | 232, 222, 139 |
| RGB Percent | 91%, 87%, 55% |
| CMY | 0.0902, 0.1294, 0.4549 |
| CMYK | 0.00, 0.04, 0.40, 0.09 |
| HSL | 54°, 67%, 73% |
| HSV | 54°, 40%, 91% |
| XYZ | 64.0602, 71.2624, 34.8048 |
| YIQ | 215.5280, 32.6030, -23.6930 |

Conversions

Conversions Part 2

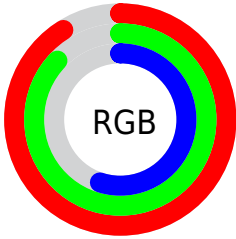
| Format | Color |
|-------------------------------------|---|
| RYB | 150, 232, 139 |
| Decimal | 15261323 |
| CIELab | 87.61, -8.22, 41.89 |
| CIELCh | 88, 42.693, 101.104 |
| Yxy | 71.2624, 0.3765, 0.4189 |
| Android (android.graphics.Color) | 4293451403 (0xFFE8DE8B) |
| YUV | 215.5280, -37.7283, 14.4459 |
| Hunter-Lab | 84.4171, -12.2745, 34.6469 |

Details

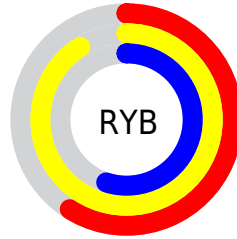
The XYZ color **64.0602, 71.2624, 34.8048** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.9603, 32.8092, 80.7814**, and the grayscale version is **65.1835, 68.5781, 74.6816**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **33.2182, 37.4395, 14.4926** is the 20% darker color. If you saturate the color by 10%, you get **61.8851, 69.3432, 26.5857**, and if you desaturate by 10%, it is **66.6083, 73.3517, 44.9245**.

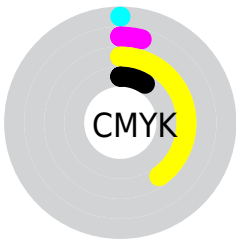
Distribution



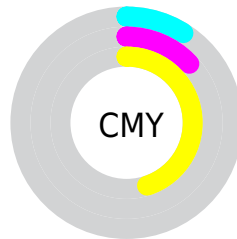
- Red (91%)
- Green (87%)
- Blue (55%)



- Red (59%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0602, 71.2624, 34.8048 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 64.0602, 71.2624, 34.8048 by changing the saturation by 10% instead.

64.0602, 71.2624,
34.8048

64.0602, 71.2624,
34.8048

429.0058,
464.9702, 338.5839

46.9613, 52.5564,
23.2302

109.7709,
121.0073, 68.3314

33.2129, 37.4487,
14.5567

139.1134,
152.8149, 91.1205

22.4496, 25.5551,
8.3657

173.2678,
189.7585, 118.4848

14.3061, 16.4911,
4.2387

212.5994,
232.2225, 150.8429

8.4170, 9.8723,
1.7572

257.4737,
280.5913, 188.6133

4.4169, 5.3144,
0.3995

308.2559,

1.9406, 2.4329,

335.2492, 232.2146

0.0000

365.3115,
396.5807, 282.0653

■ 0.6003, 0.8427,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0602, 71.2624,
34.8048

■ 64.0602, 71.2624,
34.8048

■ 61.8851, 69.3432,
26.5857

■ 66.6083, 73.3517,
44.9245

■ 60.0548, 67.5749,
20.1419


■ 69.5452, 75.6096,
57.0507


■ 58.5454, 65.9505,
15.3400


■ 72.8920, 78.0473,
71.2867

■ 57.3276, 64.4582,
12.0259


■ 76.6668, 80.6721,
87.7274


 56.3665, 63.0840,
10.0163


 80.8861, 83.4906,
106.4599

 55.6080, 61.8143,
9.0005

 81.6028, 84.9241,
106.6988

 82.3296, 86.3776,
106.9411

 83.0665, 87.8513,
107.1867

 83.8134, 89.3452,
107.4357

Harmonies

Analogous

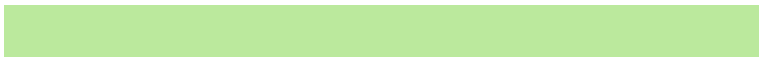
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2201, 71.2624, 35.9639



64.0602, 71.2624, 34.8048



55.7483, 71.2624, 42.7699

Triad

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



64.0602, 71.2624, 34.8048



54.1251, 71.2624, 120.2127



87.8227, 71.2624, 97.0387

Complementary

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



64.0602, 71.2624, 34.8048



35.9603, 32.8092, 80.7814

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.



81.3224, 71.2624, 127.5125



64.0602, 71.2624, 34.8048



61.6349, 71.2624, 143.0222

Square

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



64.0602, 71.2624, 34.8048



50.4040, 71.2624, 88.8074



71.5431, 71.2624, 145.9837



88.6375, 71.2624, 67.3642

Rectangle

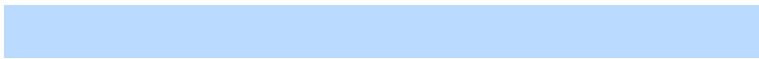
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0602, 71.2624, 34.8048



52.1102, 71.2624, 53.6959



71.5431, 71.2624, 145.9837



86.2019, 71.2624, 107.6980

Sweetspot

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



64.0620, 71.2657, 34.8063



89.4688, 96.1033, 84.6401



48.0048, 37.8190, 33.5615



19.0300, 20.4837, 17.6029



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.



64.0620, 71.2657, 34.8063



77.1524, 86.3551, 34.6475



56.3734, 71.3603, 35.2298



15.4624, 16.5386, 15.2818



30.9278, 34.4298, 5.0155



2.3236, 2.6204, 0.3833

Inverse Universe

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



35.9603, 32.8092, 80.7814



37.9008, 32.6560, 98.9134



41.3996, 33.3658, 80.6022



13.7069, 14.1352, 18.1503



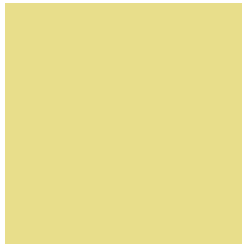
8.3222, 3.7064, 42.6600



0.6570, 0.3580, 3.1664

Previews

White Background



This preview shows how the XYZ color 64.0602, 71.2624, 34.8048 looks on a white background.

Color Contrast Check

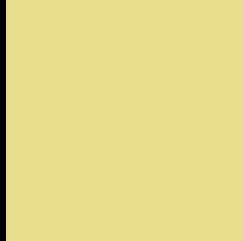
Large Text (above 18pt) WCAG AA × Fail

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 64.0602, 71.2624, 34.8048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

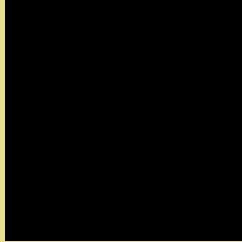
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0602, 71.2624, 34.8048

Background



This preview shows how black text looks on a background with the XYZ color 64.0602, 71.2624, 34.8048.



This preview shows how white text looks on a background with the XYZ color 64.0602, 71.2624,

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

64.0602, 71.2624, 34.8048

Protanopia

65.7772, 71.3721, 34.3541

Deuteranopia

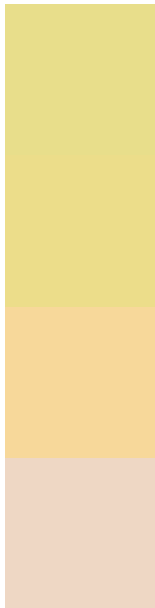
71.3943, 70.9913, 44.5901



Tritanopia

73.9158, 71.0672, 83.2203

Trichromacy



Original Color

64.0602, 71.2624, 34.8048

Protanomaly

65.0360, 71.3807, 34.3949

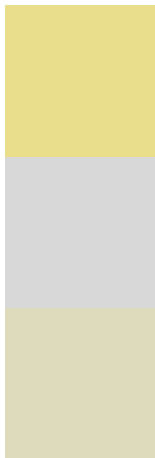
Deuteranomaly

68.7464, 71.2190, 40.6952

Tritanomaly

69.5241, 70.7635, 62.2190

Monochromacy



Original Color

64.0602, 71.2624, 34.8048

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.2727, 69.3032, 57.5663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0602, 71.2624, 34.8048 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(232, 222, 139)` looks like.

```
.text, #text, p{  
    color:rgb(232, 222, 139)  
}
```

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(232, 222, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 139) }
```

Border

The CSS property to change the border of an element to XYZ 64.0602, 71.2624, 34.8048 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(232, 222, 139) }
```


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

```
.border{ border-color:rgb(232, 222, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 222, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 139);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0602, 71.2624, 34.8048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 139) }
```

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

```
.background{ background-color: rgb(232,  
222, 139) }
```

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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