

Converting Colors

XYZ(64.1554, 73.3455, 33.6974)

Have a look what the booklet for
XYZ(64.1554, 73.3455, 33.6974)
contains.

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Color

**XYZ(64.1554, 73.3455,
33.6974)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E387
RGB	229, 227, 135
RGB Percent	90%, 89%, 53%
CMY	0.1020, 0.1098, 0.4706
CMYK	0.00, 0.01, 0.41, 0.10
HSL	59°, 64%, 71%
HSV	59°, 41%, 90%
XYZ	64.1554, 73.3455, 33.6974
YIQ	217.1100, 30.7240, -28.1880

Conversions

Conversions Part 2

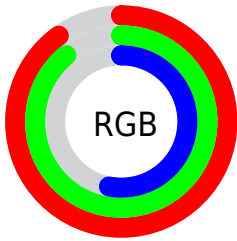
Format	Color
RYB	137, 229, 135
Decimal	15065991
CIELab	88.61, -12.32, 45.08
CIELCh	89, 46.735, 105.278
Yxy	73.3455, 0.3747, 0.4284
Android (android.graphics.Color)	4293256071 (0xFFE5E387)
YUV	217.1100, -40.4802, 10.4275
Hunter-Lab	85.6420, -16.1571, 36.6207

Details

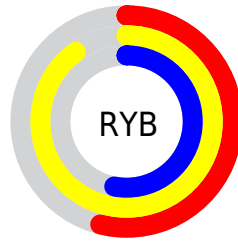
The XYZ color **64.1554, 73.3455, 33.6974** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.0801, 28.6986, 77.9246**, and the grayscale version is **66.2845, 69.7365, 75.9430**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **33.3271, 38.9002, 13.9356** is the 20% darker color. If you saturate the color by 10%, you get **62.5815, 72.5063, 26.0559**, and if you desaturate by 10%, it is **66.0801, 74.3309, 43.1683**.

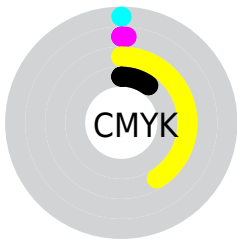
Distribution



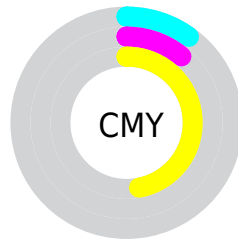
- Red (90%)
- Green (89%)
- Blue (53%)



- Red (54%)
- Yellow (90%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (41%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1554, 73.3455, 33.6974 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 64.1554, 73.3455, 33.6974 by changing the saturation by 10% instead.

64.1554, 73.3455,
33.6974

64.1554, 73.3455,
33.6974

429.3439,
472.2114, 333.5085

47.0387, 54.2585,
22.3858

109.9072,
123.9676, 66.5913

33.2743, 38.8084,
13.9396

139.2730,
156.2714, 89.0107

22.4969, 26.6107,
7.9404

173.4525,
193.7497, 115.9697

14.3411, 17.2811,
3.9696

212.8112,
236.7869, 147.8869

8.4416, 10.4351,
1.6087

257.7143,
285.7672, 185.1809

4.4330, 5.6884,
0.2970

308.5272,

1.9499, 2.6565,

341.0751, 228.2701

0.0000

365.6153,
403.0951, 277.5731

■ 0.6056, 0.9552,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1554, 73.3455,
33.6974

■ 64.1554, 73.3455,
33.6974

■ 62.5815, 72.5063,
26.0559

■ 66.0801, 74.3309,
43.1683

■ 61.3305, 71.7942,
20.1211


■ 68.3706, 75.4606,
54.5718


■ 60.3792, 71.2026,
15.7623

■ 71.0476, 76.7455,
68.0086


■ 59.6988, 70.7199,
12.8283


■ 74.1287, 78.1926,
83.5715


 59.2550, 70.3325,
11.1380


 77.6303, 79.8086,
101.3471

 59.0070, 70.0459,
10.4102

 78.6378, 80.4275,
105.9871

 78.7731, 80.6981,
106.0322

 78.9088, 80.9695,
106.0775

 79.0449, 81.2416,
106.1228

Harmonies

Analogous

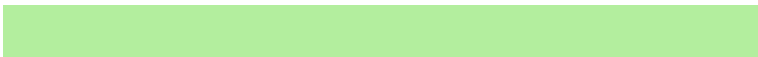
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3674, 73.3455, 33.6096



64.1554, 73.3455, 33.6974



55.4175, 73.3455, 43.6588

Triad

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



64.1554, 73.3455, 33.6974



55.5454, 73.3455, 132.5891



92.8490, 73.3455, 96.6979

Complementary

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



64.1554, 73.3455, 33.6974



33.0801, 28.6986, 77.9246

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.



86.2764, 73.3455, 131.9918



64.1554, 73.3455, 33.6974



64.3481, 73.3455, 156.2052

Square

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



64.1554, 73.3455, 33.6974



50.8236, 73.3455, 97.3615



75.5820, 73.3455, 155.9611



92.7830, 73.3455, 64.5939

Rectangle

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



64.1554, 73.3455, 33.6974



51.8187, 73.3455, 56.6106



75.5820, 73.3455, 155.9611



91.3141, 73.3455, 108.7376

Sweetspot

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



64.1572, 73.3488, 33.6989



90.3022, 97.7701, 84.9179



45.5747, 35.8256, 28.6093



19.2276, 20.8788, 17.6687



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.



64.1572, 73.3488, 33.6989



80.1929, 92.7136, 34.8056



52.4327, 68.1190, 33.3074



15.5740, 16.7619, 15.3190



33.7493, 40.0728, 5.9560



2.5023, 2.9780, 0.4429

Inverse Universe

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



33.0801, 28.6986, 77.9246



35.6102, 28.6629, 98.2634



41.3671, 32.5538, 78.2320



13.6072, 13.9359, 18.1170



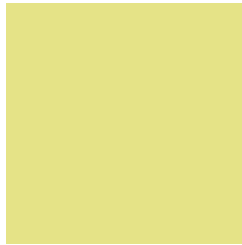
8.1273, 3.3167, 42.5950



0.6093, 0.2625, 3.1505

Previews

White Background



This preview shows how the XYZ color 64.1554, 73.3455, 33.6974 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 64.1554, 73.3455, 33.6974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

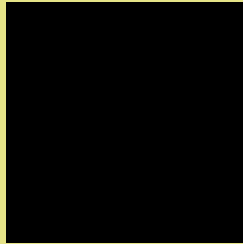
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1554, 73.3455, 33.6974

Background



This preview shows how black text looks on a background with the XYZ color 64.1554, 73.3455, 33.6974.



This preview shows how white text looks on a background with the XYZ color 64.1554, 73.3455,

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

64.1554, 73.3455, 33.6974

Protanopia

67.3171, 72.9907, 32.7309

Deuteranopia

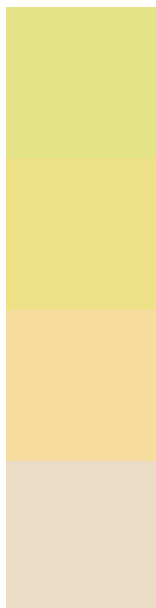
73.1466, 73.3120, 48.8235



Tritanopia

74.8011, 72.9523, 86.4827

Trichromacy



Original Color

64.1554, 73.3455, 33.6974

Protanomaly

66.2186, 73.2097, 33.1950

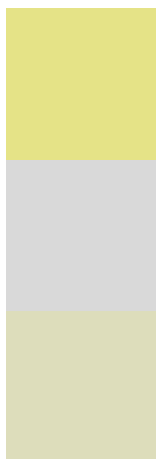
Deuteranomaly

69.7708, 73.2479, 42.8087

Tritanomaly

70.0016, 72.5271, 63.1330

Monochromacy



Original Color

64.1554, 73.3455, 33.6974

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.6449, 70.6729, 57.2478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1554, 73.3455, 33.6974 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(229, 227, 135)` looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 135)  
}
```

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(229, 227, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 135) }
```

Border

The CSS property to change the border of an element to XYZ 64.1554, 73.3455, 33.6974 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(229, 227, 135) }
```


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

```
.border{ border-color:rgb(229, 227, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 227, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 227, 135); box-shadow:4px 4px 4px 4px rgb(229, 227, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1554, 73.3455, 33.6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 135) }
```

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

```
.background{ background-color: rgb(229,  
227, 135) }
```

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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