Converting Colors

XYZ(61.4331, 69.1770, 31.9401)

Have a look what the booklet for XYZ(61.4331, 69.1770, 31.9401) contains.

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Color

XYZ(61.4366, 69.1832, 31.9454)

Conversions

Conversions Part 1

Format	Color
Hex	E3DC84
RGB	227, 220, 132
RGB Percent	89%, 86%, 52%
CMY	0.1098, 0.1372, 0.4823
CMYK	0.00, 0.03, 0.42, 0.11
HSL	56°, 63%, 70%
HSV	56°, 42%, 89%
XYZ	61.4366, 69.1832, 31.9454
YIQ	212.0610, 32.4200, -25.8840

Conversions

Conversions Part 2

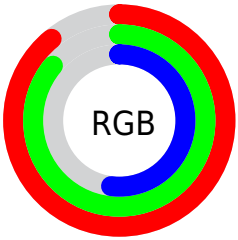
Format	Color
RYB	140, 227, 132
Decimal	14933124
CIELab	86.59, -9.90, 43.99
CIELCh	87, 45.092, 102.688
Yxy	69.1832, 0.3779, 0.4256
Android (android.graphics.Color)	4293123204 (0xFFE3DC84)
YUV	212.0610, -39.4701, 13.1015
Hunter-Lab	83.1764, -13.7133, 35.4521

Details

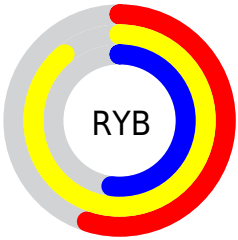
The XYZ color 61.4366, 69.1832, 31.9454 is a light color, and the websafe version is hex CCCC66. A complement of this color would be 32.6133, 28.9160, 76.5354, and the grayscale version is 62.8604, 66.1341, 72.0200.

A 20% lighter version of the original color is 85.8629, 96.3252, 60.5215, and 31.4807, 36.0355, 12.8858 is the 20% darker color. If you saturate the color by 10%, you get 59.6134, 67.7581, 24.4902, and if you desaturate by 10%, it is 63.6056, 70.7586, 41.1849.

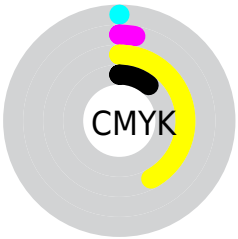
Distribution



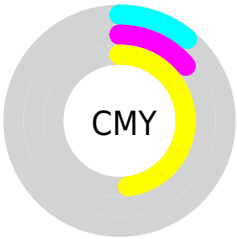
- Red (89%)
- Green (86%)
- Blue (52%)



- Red (55%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4366, 69.1832, 31.9454 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 61.4366, 69.1832, 31.9454 by changing the saturation by 10% instead.

61.4366, 69.1832, 31.9454

61.4366, 69.1832, 31.9454

419.6234, 457.6768, 325.3555

44.8315, 50.8609, 21.0553

106.0054, 118.0432, 63.8224

31.5254, 36.0979, 12.9728

134.6998, 149.3497, 85.6464

21.1531, 24.5098, 7.2793

168.1546, 185.7531, 111.9521

13.3490, 15.7123, 3.5563

206.7353, 227.6377, 143.1581

7.7480, 9.3208, 1.3852

250.8072, 275.3880, 179.6829

3.9846, 4.9510, 0.1302

300.7356,

1.6934, 2.2185,

329.3884, 221.9450

356.8859, 390.0232, 270.3631

0.0000

0.4521, 0.7301, 0.0000

0.0000, 0.0000, 0.0000

61.4366, 69.1832, 31.9454

61.4366, 69.1832, 31.9454

59.6134, 67.7581, 24.4902

63.6056, 70.7586, 41.1849

58.1088, 66.4649, 18.6982

66.1354, 72.4830, 52.3105

56.8996, 65.2968, 14.4406

69.0464, 74.3668, 65.4215

55.9573, 64.2425, 11.5672

72.3558, 76.4172, 80.6089

55.2478, 63.2882, 9.8980

54.7961, 62.5661, 9.1884

76.0799, 78.6405, 97.9582

78.0346, 80.1631, 105.9679

78.5021, 81.0980, 106.1237

78.9740, 82.0418, 106.2810

79.4504, 82.9945, 106.4398

Harmonies

Analogous

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

71.9258, 69.1832, 32.6292

61.4366, 69.1832, 31.9454

53.0394, 69.1832, 40.4223

Triad

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

61.4366, 69.1832, 31.9454

52.0513, 69.1832, 121.5275

86.8907, 69.1832, 93.8049

Complementary

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

61.4366, 69.1832, 31.9454

32.6133, 28.9160, 76.5354

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.

80.3594, 69.1832, 126.1046

61.4366, 69.1832, 31.9454

59.9506, 69.1832, 144.7987

Square

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

61.4366, 69.1832, 31.9454

48.0199, 69.1832, 88.7038

70.2744, 69.1832, 146.6664

87.3975, 69.1832, 63.3707

Rectangle

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

61.4366, 69.1832, 31.9454

49.4541, 69.1832, 51.8671

70.2744, 69.1832, 146.6664

85.2976, 69.1832, 104.9739

Sweetspot

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

61.4383, 69.1864, 31.9468

89.3910, 96.4986, 82.9166

44.6578, 34.7251, 29.1285

18.9468, 20.5354, 16.9026

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.

61.4383, 69.1864, 31.9468

77.9416, 88.4817, 33.2207

52.2299, 67.2217, 32.0529

15.5060, 16.6260, 15.2963

31.9949, 36.5639, 5.3712

2.3916, 2.7565, 0.4060

Inverse Universe

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

32.6133, 28.9160, 76.5354

35.8067, 29.6297, 98.4396

39.0390, 30.7730, 76.5552

13.6676, 14.0567, 18.1372

8.2319, 3.5260, 42.6299

0.6383, 0.3205, 3.1602

Previews

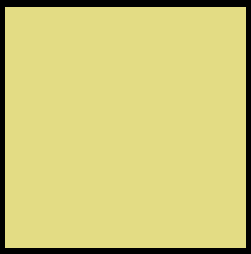
White Background

This preview shows how the XYZ color 61.4366, 69.1832, 31.9454 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



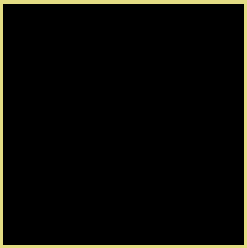
This preview shows how the XYZ color 61.4366, 69.1832, 31.9454 looks on a black background.

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 61.4366, 69.1832, 31.9454 Background



This preview shows how black text looks on a background with the XYZ color 61.4366, 69.1832, 31.9454.

This preview shows how white text looks on a background with the XYZ color 61.4366, 69.1832,

31.9454.

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
61.4366, 69.1832, 31.9454

Protanopia
63.8346, 69.2689, 31.4785

Deuteranopia
69.7080, 69.1279, 39.3748

Tritanopia
71.3161, 69.0417, 80.8018

Trichromacy

Original Color
61.4366, 69.1832, 31.9454

Protanomaly
62.7724, 69.1051, 31.5029

Deuteranomaly
66.5613, 69.0453, 36.6070

Tritanomaly
66.8025, 68.6737, 59.0247

Monochromacy

Original Color
61.4366, 69.1832, 31.9454

Achromatopsia
62.5785, 65.8375, 71.6970

Achromatomaly
61.4630, 66.7715, 54.4485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4366, 69.1832, 31.9454 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(227, 220, 132) looks like.

```
.text, #text, p{
    color:rgb(227, 220, 132)
}
```

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(227, 220, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 132) }
```

Border

The CSS property to change the border of an element to XYZ 61.4366, 69.1832, 31.9454 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(227, 220, 132) }
```

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

```
.border{ border-color:rgb(227, 220, 132) }
```

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

Here you see how a box with a 4 pixel rgb(227, 220, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 220, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 220, 132); box-shadow:4px 4px 4px 4px rgb(227, 220, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4366, 69.1832, 31.9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(227, 220, 132) }
```

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

```
.background{ background-color:rgb(227,
220, 132) }
```

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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