

Converting Colors

XYZ(60.0135, 69.0493, 31.9801)

Have a look what the booklet for
XYZ(60.0135, 69.0493, 31.9801)
contains.

XYZ(60.1049, 69.2806, 32.0344)	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(60.1049, 69.2806,
32.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDE84
RGB	221, 222, 132
RGB Percent	87%, 87%, 52%
CMY	0.1333, 0.1294, 0.4823
CMYK	0.00, 0.00, 0.41, 0.13
HSL	61°, 58%, 69%
HSV	61°, 41%, 87%
XYZ	60.1049, 69.2806, 32.0344
YIQ	211.4410, 28.2940, -28.2020

Conversions

Conversions Part 2

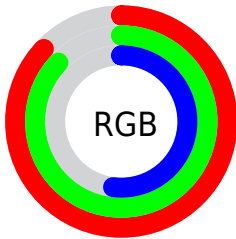
Format	Color
RYB	132, 222, 133
Decimal	14540420
CIELab	86.64, -13.26, 43.95
CIELCh	87, 45.907, 106.786
Yxy	69.2806, 0.3724, 0.4292
Android (android.graphics.Color)	4292730500 (0xFFDDDE84)
YUV	211.4410, -39.1644, 8.3832
Hunter-Lab	83.2350, -16.7644, 35.4457

Details

The XYZ color **60.1049, 69.2806, 32.0344** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.1114, 26.7647, 72.6376**, and the grayscale version is **62.4481, 65.7003, 71.5476**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **30.5765, 36.1091, 12.9476** is the 20% darker color. If you saturate the color by 10%, you get **58.6698, 68.7003, 24.8636**, and if you desaturate by 10%, it is **61.8668, 69.9966, 40.9106**.

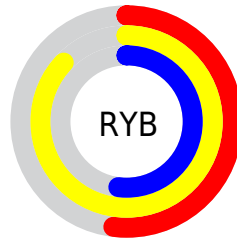
Distribution



Red (87%)

Green (87%)

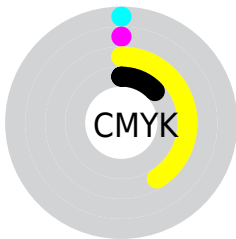
Blue (52%)



Red (52%)

Yellow (87%)

Blue (52%)

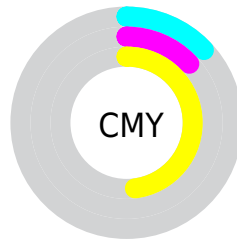


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1049, 69.2806, 32.0344 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 60.1049, 69.2806, 32.0344 by changing the saturation by 10% instead.

60.1049, 69.2806,
32.0344

60.1049, 69.2806,
32.0344

414.8129,
458.0200, 325.7735

43.7530, 50.9403,
21.1227

104.0873,
118.1823, 63.9635

30.6734, 36.1611,
13.0216

132.4485,
149.5124, 85.8181

20.5009, 24.5586,
7.3125

165.5435,
185.9412, 112.1574

12.8701, 15.7485,
3.5769

203.7376,
227.8532, 143.3999

7.4155, 9.3464,
1.3962

247.3963,
275.6326, 179.9643

3.7719, 4.9678,
0.1388

296.8848,

1.5739, 2.2284,

329.6640, 222.2690

0.0000

352.5685,
390.3317, 270.7325

■ 0.3753, 0.7354,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1049, 69.2806,
32.0344

■ 60.1049, 69.2806,
32.0344

■ 58.6698, 68.7003,
24.8636

■ 61.8668, 69.9966,
40.9106

■ 57.5357, 68.2380,
19.2850


■ 63.9694, 70.8463,
51.5872


■ 56.6812, 67.8875,
15.1783


■ 66.4316, 71.8400,
64.1574

■ 56.0800, 67.6383,
12.4046


■ 69.2698, 72.9840,
78.7068


 55.7006, 67.4779,
10.7982


 72.4992, 74.2846,
95.3155

 55.4943, 67.3872,
10.0822

 74.4469, 75.0725,
105.1744

 74.5231, 75.1118,
105.1780

 74.5995, 75.1512,
105.1815

 74.6760, 75.1906,
105.1851

Harmonies

Analogous

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



70.6466, 69.2806, 31.5022



60.1049, 69.2806, 32.0344



52.0114, 69.2806, 41.9555

Triad

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



60.1049, 69.2806, 32.0344



52.7874, 69.2806, 126.8172



87.8880, 69.2806, 89.6651

Complementary

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



60.1049, 69.2806, 32.0344



31.1114, 26.7647, 72.6376

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.



81.9463, 69.2806, 123.1933



60.1049, 69.2806, 32.0344



61.2739, 69.2806, 148.2325

Square

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



60.1049, 69.2806, 32.0344



48.1096, 69.2806, 93.6907



71.9482, 69.2806, 146.7513



87.4876, 69.2806, 59.7192

Rectangle

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



60.1049, 69.2806, 32.0344



48.7501, 69.2806, 54.5810



71.9482, 69.2806, 146.7513



86.5411, 69.2806, 101.0204

Sweetspot

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



60.1066, 69.2838, 32.0358



90.3832, 98.1187, 84.9809



42.5426, 33.6997, 26.0932



19.2468, 20.9615, 17.6837



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.



60.1066, 69.2838, 32.0358



80.5208, 94.1292, 35.0615



48.4202, 63.2592, 31.4889



14.8558, 16.0214, 14.6162



32.9675, 40.0279, 5.9886



2.2901, 2.7771, 0.4153

Inverse Universe

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



31.1114, 26.7647, 72.6376



35.4686, 28.0596, 98.1544



39.5696, 31.1250, 73.0335



12.9662, 13.2506, 17.2619



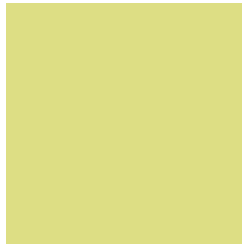
7.8561, 3.1453, 41.2414



0.5496, 0.2206, 2.8589

Previews

White Background



This preview shows how the XYZ color 60.1049, 69.2806, 32.0344 looks on a white background.

Color Contrast Check

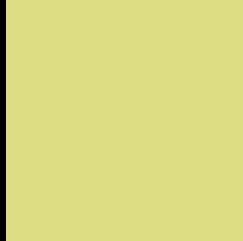
Large Text (above 18pt) WCAG AA × Fail

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 60.1049, 69.2806, 32.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

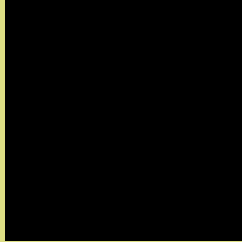
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1049, 69.2806, 32.0344

Background



This preview shows how black text looks on a background with the XYZ color 60.1049, 69.2806, 32.0344.



This preview shows how white text looks on a background with the XYZ color 60.1049, 69.2806,

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

60.1049, 69.2806, 32.0344

Protanopia

63.7672, 69.2419, 31.1232

Deuteranopia

69.7902, 69.1608, 39.8080



Tritanopia

70.4381, 69.2904, 82.3349

Trichromacy



Original Color

60.1049, 69.2806, 32.0344

Protanomaly

62.3832, 69.2907, 31.5592

Deuteranomaly

66.1196, 69.1922, 36.6586

Tritanomaly

65.8098, 68.9006, 59.6998

Monochromacy



Original Color

60.1049, 69.2806, 32.0344

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7683, 66.4253, 53.8745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1049, 69.2806, 32.0344 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(221, 222, 132)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 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(221, 222, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 132) }
```

Border

The CSS property to change the border of an element to XYZ 60.1049, 69.2806, 32.0344 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(221, 222, 132) }
```


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

```
.border{ border-color:rgb(221, 222, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 132);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1049, 69.2806, 32.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 132) }
```

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

```
.background{ background-color: rgb(221,  
222, 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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