

Converting Colors

XYZ(60.9305, 69.7953, 34.2092)

Have a look what the booklet for
XYZ(60.9305, 69.7953, 34.2092)
contains.

XYZ(60.8329, 69.6071, 34.2740)	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(60.8329, 69.6071,
34.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDE8A
RGB	222, 222, 138
RGB Percent	87%, 87%, 54%
CMY	0.1294, 0.1294, 0.4588
CMYK	0.00, 0.00, 0.38, 0.13
HSL	60°, 56%, 71%
HSV	60°, 38%, 87%
XYZ	60.8329, 69.6071, 34.2740
YIQ	212.4240, 26.9640, -26.1240

Conversions

Conversions Part 2

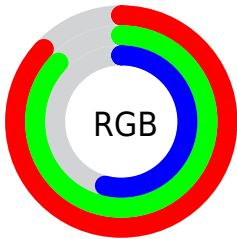
Format	Color
RYB	138, 222, 138
Decimal	14605962
CIELab	86.80, -12.23, 41.20
CIElCh	87, 42.974, 106.529
Yxy	69.6071, 0.3693, 0.4226
Android (android.graphics.Color)	4292796042 (0xFFDEDE8A)
YUV	212.4240, -36.6910, 8.3982
Hunter-Lab	83.4309, -15.8523, 34.0449

Details

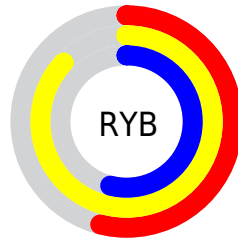
The XYZ color **60.8329, 69.6071, 34.2740** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.7570, 28.8558, 72.9546**, and the grayscale version is **63.0872, 66.3726, 72.2798**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **31.2243, 36.4163, 14.1875** is the 20% darker color. If you saturate the color by 10%, you get **59.3874, 69.0313, 26.6569**, and if you desaturate by 10%, it is **62.6104, 70.3206, 43.6242**.

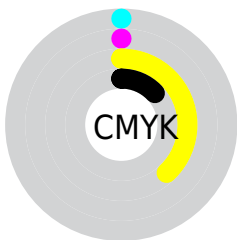
Distribution



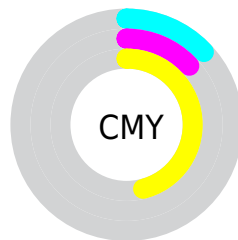
- Red (87%)
- Green (87%)
- Blue (54%)



- Red (54%)
- Yellow (87%)
- Blue (54%)



- Cyan (0%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8329, 69.6071, 34.2740 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 60.8329, 69.6071, 34.2740 by changing the saturation by 10% instead.


 60.8329, 69.6071,
34.2740

 60.8329, 69.6071,
34.2740


417.4468,
459.1693, 336.1585


 44.3424, 51.2063,
22.8251


 105.1364,
118.6483, 67.4983

 31.1388, 36.3728,
14.2603

 133.6801,
150.0574, 90.1108

 20.8569, 24.7223,
8.1611


 166.9723,
186.5715, 117.2815

 13.1313, 15.8703,
4.1090

205.3782,
228.5749, 149.4291

 7.5967, 9.4324,
1.6853

249.2632,
276.4519, 186.9721

 3.8876, 5.0243,
0.3506

298.9928,

 1.6387, 2.2615,

330.5871, 230.3289

0.0000

354.9322,
391.3647, 279.9182

0.4175, 0.7532,
0.0000

0.0000, 0.0000,
0.0000

60.8329, 69.6071,
34.2740

60.8329, 69.6071,
34.2740

59.3874, 69.0313,
26.6569

62.6104, 70.3206,
43.6242

58.2486, 68.5757,
20.6625

64.7332, 71.1698,
54.8003

57.3958, 68.2346,
16.1744

67.2201, 72.1646,
67.8937

56.8037, 67.9977,
13.0589

70.0871, 73.3115,
82.9883

■ 56.4425, 67.8531,
11.1590

■ 73.3491, 74.6163,
100.1633

■ 56.2705, 67.7843,
10.2557

■ 74.2998, 74.9967,
105.1675

■ 56.2441, 67.7737,
10.1173

■ 74.3003, 74.9969,
105.1675

■ 74.3008, 74.9972,
105.1676

■ 74.3012, 74.9974,
105.1676

Harmonies

Analogous

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



70.7455, 69.6071, 33.8273



60.8329, 69.6071, 34.2740



53.1504, 69.6071, 43.8387

Triad

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



60.8329, 69.6071, 34.2740



53.7807, 69.6071, 123.2489



86.6993, 69.6071, 89.3709

Complementary

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



60.8329, 69.6071, 34.2740



32.7570, 28.8558, 72.9546

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.



81.1348, 69.6071, 120.3943



60.8329, 69.6071, 34.2740



61.7761, 69.6071, 143.0336

Square

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



60.8329, 69.6071, 34.2740



49.3689, 69.6071, 92.5806



71.7882, 69.6071, 141.8738



86.3813, 69.6071, 61.1636

Rectangle

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



60.8329, 69.6071, 34.2740



50.0276, 69.6071, 55.8864



71.7882, 69.6071, 141.8738



85.4326, 69.6071, 99.9345

Sweetspot

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



60.8346, 69.6103, 34.2755



90.8575, 98.3229, 86.8264



43.8024, 35.5432, 28.5975



19.3461, 21.0047, 18.0519



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.



60.8346, 69.6103, 34.2755



81.7492, 94.6793, 38.8740



49.5338, 63.7845, 33.7466



14.8717, 16.0295, 14.6170



33.4060, 40.2539, 6.0091



2.3155, 2.7902, 0.4165

Inverse Universe

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



32.7570, 28.8558, 72.9546



38.3234, 31.6472, 98.6964



41.0978, 33.1557, 73.3449



12.9522, 13.2434, 17.2613



7.8317, 3.1327, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 60.8329, 69.6071, 34.2740 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 60.8329, 69.6071, 34.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

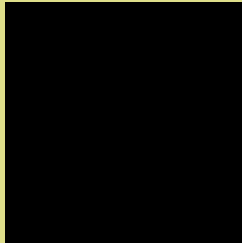
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8329, 69.6071, 34.2740

Background



This preview shows how black text looks on a background with the XYZ color 60.8329, 69.6071, 34.2740.



This preview shows how white text looks on a background with the XYZ color 60.8329, 69.6071,

34.2740.

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

60.8329, 69.6071, 34.2740

Protanopia

64.1818, 69.4078, 33.3069

Deuteranopia

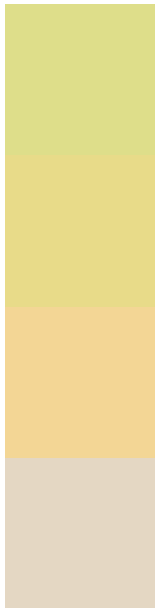
70.0412, 69.2612, 41.1297



Tritanopia

70.5766, 69.3458, 83.0641

Trichromacy



Original Color

60.8329, 69.6071, 34.2740

Protanomaly

63.1256, 69.6250, 33.7788

Deuteranomaly

66.4335, 69.3177, 38.3120

Tritanomaly

66.1457, 69.0350, 61.4686

Monochromacy



Original Color

60.8329, 69.6071, 34.2740

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6317, 67.2134, 55.6241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8329, 69.6071, 34.2740 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(222, 222, 138)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 138)  
}
```

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(222, 222, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 138) }
```

Border

The CSS property to change the border of an element to XYZ 60.8329, 69.6071, 34.2740 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(222, 222, 138) }
```


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

```
.border{ border-color:rgb(222, 222, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 222, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 222, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 222, 138); box-shadow:4px 4px 4px 4px rgb(222, 222, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8329, 69.6071, 34.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 138) }
```

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

```
.background{ background-color: rgb(222,  
222, 138) }
```

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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