

Converting Colors

XYZ(59.9314, 70.5226, 32.1627)

Have a look what the booklet for
XYZ(59.9314, 70.5226, 32.1627)
contains.

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Color

**XYZ(60.0035, 70.4218,
32.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE184
RGB	218, 225, 132
RGB Percent	85%, 88%, 52%
CMY	0.1451, 0.1176, 0.4823
CMYK	0.03, 0.00, 0.41, 0.12
HSL	65°, 61%, 70%
HSV	65°, 41%, 88%
XYZ	60.0035, 70.4218, 32.2600
YIQ	212.3050, 25.6810, -30.4070

Conversions

Conversions Part 2

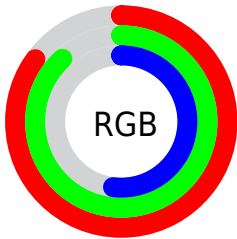
Format	Color
RYB	132, 225, 139
Decimal	14344580
CIELab	87.20, -15.92, 44.61
CIELCh	87, 47.360, 109.637
Yxy	70.4218, 0.3688, 0.4329
Android (android.graphics.Color)	4292534660 (0xFFDAE184)
YUV	212.3050, -39.5904, 4.9945
Hunter-Lab	83.9177, -19.2235, 35.9499

Details

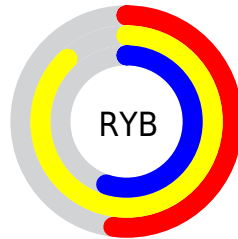
The XYZ color **60.0035, 70.4218, 32.2600** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.4919, 27.4295, 74.8202**, and the grayscale version is **63.0271, 66.3094, 72.2110**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **30.7230, 37.0100, 13.1138** is the 20% darker color. If you saturate the color by 10%, you get **58.1233, 69.6140, 24.9835**, and if you desaturate by 10%, it is **62.2244, 71.3715, 41.2885**.

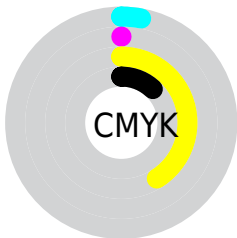
Distribution



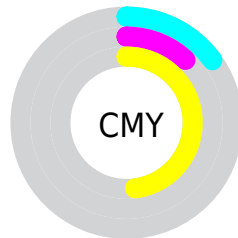
- Red (85%)
- Green (88%)
- Blue (52%)



- Red (52%)
- Yellow (88%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)




- Cyan (15%)
- Magenta (12%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0035, 70.4218, 32.2600 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 60.0035, 70.4218, 32.2600 by changing the saturation by 10% instead.


 60.0035, 70.4218,
32.2600


 60.0035, 70.4218,
32.2600


414.4452,
462.0296, 326.8311


 43.6709, 51.8705,
21.2937


 103.9411,
119.8101, 64.3211

 30.6087, 36.9018,
13.1455


 132.2768,
151.4158, 86.2530

 20.4514, 25.1315,
7.3969

 165.3442,
188.1418, 112.6772

 12.8338, 16.1751,
3.6294

203.5088,
230.3725, 144.0121

 7.3904, 9.6481,
1.4243

247.1358,
278.4922, 180.6765

 3.7559, 5.1663,
0.1606

296.5906,

 1.5650, 2.3452,

332.8854, 223.0887

0.0000

352.2387,
393.9364, 271.6674

■ 0.3694, 0.7975,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0035, 70.4218,
32.2600

■ 60.0035, 70.4218,
32.2600

■ 58.1233, 69.6140,
24.9835

■ 62.2244, 71.3715,
41.2885

■ 56.5571, 68.9298,
19.3410


■ 64.8006, 72.4615,
52.1680


■ 55.2824, 68.3629,
15.2072


■ 67.7518, 73.7020,
64.9953


■ 54.2718, 67.9021,
12.4365


■ 71.0950, 75.0999,
79.8593


 53.4920, 67.5343,
10.8548


 74.8459, 76.6616,
96.8432

 52.9550, 67.2716,
10.1937

 77.0255, 77.5953,
105.5255

 77.5665, 77.8742,
105.5508

 78.1127, 78.1558,
105.5763

 78.6642, 78.4401,
105.6021

Harmonies

Analogous

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



70.8537, 70.4218, 30.8428



60.0035, 70.4218, 32.2600



51.9302, 70.4218, 43.4678

Triad

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



60.0035, 70.4218, 32.2600



54.0212, 70.4218, 133.4292



90.2426, 70.4218, 88.2270

Complementary

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



60.0035, 70.4218, 32.2600



32.4919, 27.4295, 74.8202

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.



84.5802, 70.4218, 123.5569



60.0035, 70.4218, 32.2600



63.1613, 70.4218, 154.0493

Square

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



60.0035, 70.4218, 32.2600



48.7503, 70.4218, 99.1478



74.3782, 70.4218, 150.0060



89.1553, 70.4218, 57.8876

Rectangle

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



60.0035, 70.4218, 32.2600



48.8254, 70.4218, 57.2848



74.3782, 70.4218, 150.0060



89.0431, 70.4218, 100.0163

Sweetspot

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



60.0052, 70.4250, 32.2615



89.6659, 97.7490, 84.9473



44.3358, 35.9097, 26.4252



19.0767, 20.8738, 17.6757



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.



60.0052, 70.4250, 32.2615



77.4178, 92.5491, 34.0334



48.1719, 64.3247, 31.7077



14.7645, 15.9743, 14.6120



30.5576, 38.7855, 5.8758



2.1489, 2.7043, 0.4087

Inverse Universe

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



32.4919, 27.4295, 74.8202



36.0378, 27.8554, 98.0850



41.7793, 32.2173, 75.2549



13.0472, 13.2924, 17.2657



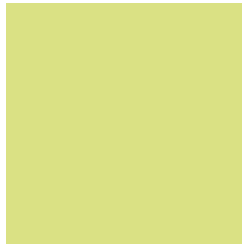
8.0013, 3.2201, 41.2482



0.5885, 0.2407, 2.8607

Previews

White Background



This preview shows how the XYZ color 60.0035, 70.4218, 32.2600 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 60.0035, 70.4218, 32.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

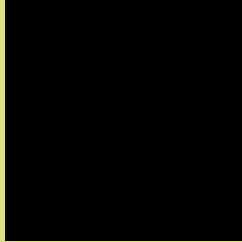
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0035, 70.4218, 32.2600

Background



This preview shows how black text looks on a background with the XYZ color 60.0035, 70.4218, 32.2600.

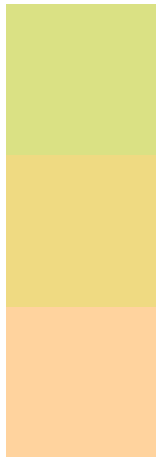


This preview shows how white text looks on a background with the XYZ color 60.0035, 70.4218,

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

60.0035, 70.4218, 32.2600

Protanopia

64.6973, 70.1052, 31.2408

Deuteranopia

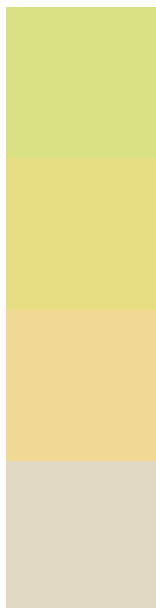
70.7058, 70.3172, 42.1937



Tritanopia

70.3903, 69.9597, 84.6565

Trichromacy



Original Color

60.0035, 70.4218, 32.2600

Protanomaly

62.9082, 70.3405, 31.7342

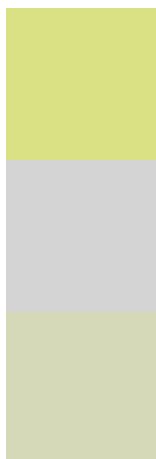
Deuteranomaly

66.5986, 70.1589, 38.4657

Tritanomaly

65.6018, 69.5283, 61.0017

Monochromacy



Original Color

60.0035, 70.4218, 32.2600

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.0917, 67.3407, 54.5779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0035, 70.4218, 32.2600 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(218, 225, 132)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 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(218, 225, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 132) }
```

Border

The CSS property to change the border of an element to XYZ 60.0035, 70.4218, 32.2600 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(218, 225, 132) }
```


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

```
.border{ border-color:rgb(218, 225, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 225, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 225, 132); box-shadow:4px 4px 4px 4px rgb(218, 225, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0035, 70.4218, 32.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 132) }
```

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

```
.background{ background-color: rgb(218,  
225, 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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