

Converting Colors

XYZ(61.6758, 66.8054, 42.3977)

Have a look what the booklet for
XYZ(61.6758, 66.8054, 42.3977)
contains.

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Color

**XYZ(61.6686, 66.7651,
42.4376)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2D69F |
| RGB | 226, 214, 159 |
| RGB Percent | 89%, 84%, 62% |
| CMY | 0.1137, 0.1608, 0.3765 |
| CMYK | 0.00, 0.05, 0.30, 0.11 |
| HSL | 49°, 54%, 75% |
| HSV | 49°, 30%, 89% |
| XYZ | 61.6686, 66.7651, 42.4376 |
| YIQ | 211.3180, 24.8070, -14.5610 |

Conversions

Conversions Part 2

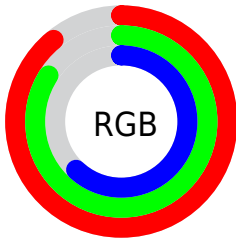
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 174, 226, 159 |
| Decimal | 14866079 |
| CIELab | 85.39, -4.15, 28.71 |
| CIELCh | 85, 29.008, 98.220 |
| Yxy | 66.7651, 0.3609, 0.3907 |
| Android (android.graphics.Color) | 4293056159 (0xFFE2D69F) |
| YUV | 211.3180, -25.7928, 12.8761 |
| Hunter-Lab | 81.7099, -8.2738, 26.4035 |

Details

The XYZ color **61.6686, 66.7651, 42.4376** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.5882, 41.9866, 77.8112**, and the grayscale version is **62.2824, 65.5259, 71.3577**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **31.6295, 34.4039, 18.8835** is the 20% darker color. If you saturate the color by 10%, you get **58.8733, 64.0312, 32.6989**, and if you desaturate by 10%, it is **64.8513, 69.6994, 54.0760**.

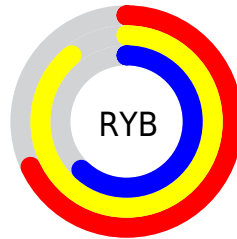
Distribution



Red (89%)

Green (84%)

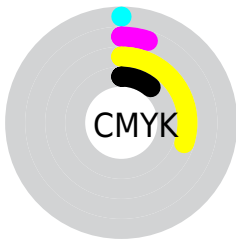
Blue (62%)



Red (68%)

Yellow (89%)

Blue (62%)

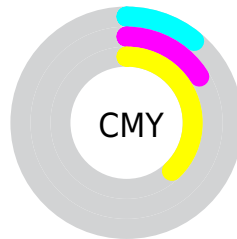


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6686, 66.7651, 42.4376 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 61.6686, 66.7651, 42.4376 by changing the saturation by 10% instead.

61.6686, 66.7651,
42.4376

61.6686, 66.7651,
42.4376

420.4581,
449.1082, 372.1468

45.0196, 48.8938,
29.1160

106.3391,
114.5838, 80.1387

31.6742, 34.5352,
18.9222

135.0912,
145.2999, 105.3553

21.2671, 23.3051,
11.4379

168.6084,
181.0663, 135.3739

13.4330, 14.8189,
6.2443

207.2561,
222.2676, 170.6131

7.8064, 8.6924,
2.9230

251.3995,
269.2880, 211.4915

4.0221, 4.5411,
1.0555

301.4041,

1.7146, 1.9806,

322.5120, 258.4275

0.0000

357.6351,
382.3239, 311.8398

■ 0.4654, 0.5962,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6686, 66.7651,
42.4376

■ 61.6686, 66.7651,
42.4376

■ 58.8733, 64.0312,
32.6989

■ 64.8513, 69.6994,
54.0760

■ 56.4407, 61.4803,
24.7527

■ 68.4347, 72.8326,
67.7051

■ 54.3507, 59.1067,
18.4874

■ 72.4374, 76.1748,
83.4153

■ 52.5793, 56.9003,
13.7773

■ 76.8754, 79.7327,
101.2899

■ 51.0992, 54.8500,
10.4789

■ 78.9040, 82.3687,
106.3478

■ 49.8778, 52.9423,
8.4219

■ 80.0707, 84.7020,
106.7367

■ 48.8609, 51.1553,
7.3218

■ 81.2638, 87.0882,
107.1344

■ 48.8263, 51.0933,
7.2886

■ 82.4836, 89.5278,
107.5410

■ 83.7302, 92.0210,
107.9565

Harmonies

Analogous

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



68.2635, 66.7651, 44.0013



61.6686, 66.7651, 42.4376



55.9567, 66.7651, 47.8085

Triad

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



61.6686, 66.7651, 42.4376



54.0389, 66.7651, 97.4640



75.9312, 66.7651, 86.9682

Complementary

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



61.6686, 66.7651, 42.4376



42.5882, 41.9866, 77.8112

Split Complementary

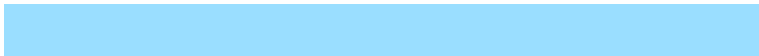
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6019, 66.7651, 104.9971



61.6686, 66.7651, 42.4376



58.8839, 66.7651, 111.7483

Square

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



61.6686, 66.7651, 42.4376



51.7549, 66.7651, 77.9939



65.2821, 66.7651, 114.7201



76.8049, 66.7651, 67.6433

Rectangle

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



61.6686, 66.7651, 42.4376



53.3107, 66.7651, 55.2528



65.2821, 66.7651, 114.7201



74.8181, 66.7651, 93.4706

Sweetspot

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



61.6703, 66.7681, 42.4390



90.2758, 96.0155, 90.1560



51.1405, 43.9169, 44.4521



19.1668, 20.4180, 18.6942



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.



61.6703, 66.7681, 42.4390



78.6082, 85.3904, 47.0833



58.5719, 69.8445, 43.1961



14.6522, 15.5903, 14.5438



27.9348, 29.3075, 4.1846



1.9915, 2.1419, 0.3085

Inverse Universe

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



42.5882, 41.9866, 77.8112



49.4428, 47.5228, 101.1746



44.9992, 40.0175, 77.3040



13.1495, 13.6381, 17.3270



8.3347, 4.1389, 41.4080



0.6370, 0.4054, 2.8899

Previews

White Background



This preview shows how the XYZ color 61.6686, 66.7651, 42.4376 looks on a white background.

Color Contrast Check

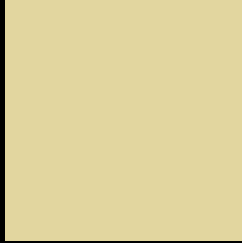
Large Text (above 18pt) WCAG AA × Fail

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 61.6686, 66.7651, 42.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

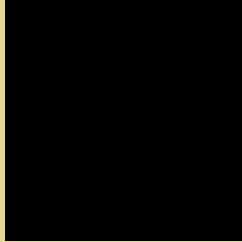
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6686, 66.7651, 42.4376

Background



This preview shows how black text looks on a background with the XYZ color 61.6686, 66.7651, 42.4376.



This preview shows how white text looks on a background with the XYZ color 61.6686, 66.7651,

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

61.6686, 66.7651, 42.4376

Protanopia

62.3654, 66.7497, 42.3979

Deuteranopia

68.0480, 66.7451, 43.0148



Tritanopia

69.1878, 66.9090, 78.3754

Trichromacy



Original Color

61.6686, 66.7651, 42.4376

Protanomaly

62.0472, 66.5857, 42.3830

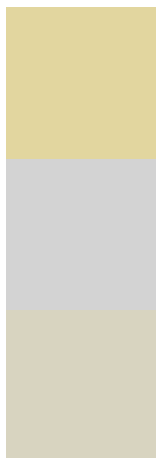
Deuteranomaly

65.5190, 66.5271, 42.6455

Tritanomaly

66.0643, 66.7134, 63.4278

Monochromacy



Original Color

61.6686, 66.7651, 42.4376

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3768, 65.4917, 59.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6686, 66.7651, 42.4376 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(226, 214, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 159)  
}
```

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(226, 214, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 159) }
```

Border

The CSS property to change the border of an element to XYZ 61.6686, 66.7651, 42.4376 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(226, 214, 159) }
```


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

```
.border{ border-color:rgb(226, 214, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6686, 66.7651, 42.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 159) }
```

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

```
.background{ background-color: rgb(226,  
214, 159) }
```

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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