

Converting Colors

XYZ(36.0686, 42.7985, 7.5247)

Have a look what the booklet for
XYZ(36.0686, 42.7985, 7.5247)
contains.

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Color

**XYZ(36.0715, 42.7985,
7.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B41D
RGB	183, 180, 29
RGB Percent	72%, 71%, 11%
CMY	0.2824, 0.2941, 0.8862
CMYK	0.00, 0.02, 0.84, 0.28
HSL	59°, 73%, 42%
HSV	59°, 84%, 72%
XYZ	36.0715, 42.7985, 7.5222
YIQ	163.6830, 50.2590, -46.3250

Conversions

Conversions Part 2

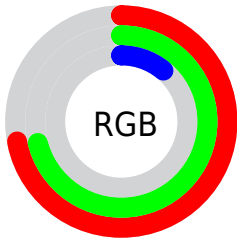
Format	Color
RYB	32, 183, 29
Decimal	12039197
CIELab	71.42, -14.80, 68.66
CIELCh	71, 70.232, 102.164
Yxy	42.7985, 0.4175, 0.4954
Android (android.graphics.Color)	4290229277 (0xFFB7B41D)
YUV	163.6830, -66.3987, 16.9410
Hunter-Lab	65.4206, -16.0649, 38.9771

Details

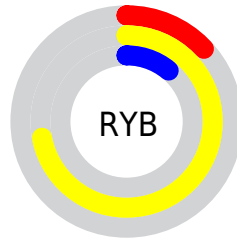
The XYZ color **36.0715, 42.7985, 7.5222** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **9.5707, 4.7134, 45.2048**, and the grayscale version is **35.4261, 37.2710, 40.5881**.

A 20% lighter version of the original color is **68.5017, 79.6235, 21.6560**, and **16.3234, 19.8740, 2.9757** is the 20% darker color. If you saturate the color by 10%, you get **35.8376, 42.5917, 6.6400**, and if you desaturate by 10%, it is **36.4419, 43.0634, 9.1135**.

Distribution



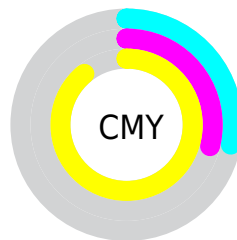
- Red (72%)
- Green (71%)
- Blue (11%)



- Red (13%)
- Yellow (72%)
- Blue (11%)



- Cyan (0%)
- Magenta (2%)
- Yellow (84%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0715, 42.7985, 7.5222 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 36.0715, 42.7985, 7.5222 by changing the saturation by 10% instead.

36.0715, 42.7985,
7.5222

36.0715, 42.7985,
7.5222

320.6987,
357.7824, 181.7272

24.6598, 29.7270,
3.7074

68.4656, 79.4067,
21.5468

15.9511, 19.6315,
1.4662

90.1786, 103.7122,
32.5937

9.5802, 12.1275,
0.1926

116.0562,
132.5313, 46.8883

5.1816, 6.8305,
0.0000

146.4636,
166.2482, 64.8493

2.3901, 3.3564,
0.0000

181.7662,
205.2473, 86.8951

0.8402, 1.3205,
0.0000

222.3293,

0.0000, 0.1570,

249.9132, 113.4444

0.0000

268.5184,
300.6301, 144.9155

■ 0.0000, 0.0000,
0.0000

■ 36.0715, 42.7985,
7.5222

■ 36.0715, 42.7985,
7.5222

■ 35.8376, 42.5917,
6.6400

■ 36.4419, 43.0634,
9.1135

■ 35.7369, 42.4844,
6.3168

■ 36.9665, 43.3886,
11.5205

■ 37.6636, 43.7832,
14.8347

■ 38.5481, 44.2529,
19.1347

■ 39.6333, 44.8033,
24.4906

■ 40.9312, 45.4391,
30.9661

■ 42.4531, 46.1647,
38.6200

■ 44.2093, 46.9844,
47.5069

■ 46.2096, 47.9019,
57.6779

Harmonies

Analogous

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



48.0510, 42.7985, 8.0277



36.0715, 42.7985, 7.5222



27.2407, 42.7985, 13.0716

Triad

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



36.0715, 42.7985, 7.5222



26.0406, 42.7985, 105.4327



66.4011, 42.7985, 69.5366

Complementary

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



36.0715, 42.7985, 7.5222



9.5707, 4.7134, 45.2048

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.



57.9374, 42.7985, 113.4847



36.0715, 42.7985, 7.5222



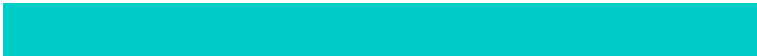
34.1018, 42.7985, 140.1887

Square

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



36.0715, 42.7985, 7.5222



22.2484, 42.7985, 61.7189



45.6624, 42.7985, 143.6942



67.2120, 42.7985, 34.1773

Rectangle

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



36.0715, 42.7985, 7.5222



23.6975, 42.7985, 22.3204



45.6624, 42.7985, 143.6942



64.2906, 42.7985, 84.1173

Sweetspot

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



36.0725, 42.8005, 7.5231



72.9919, 81.2284, 53.8787



20.2587, 11.0627, 2.5917



15.9359, 17.8504, 10.9715



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0725, 42.8005, 7.5231



63.9835, 76.0471, 11.3063



23.7281, 37.3439, 7.1205



9.7348, 10.4726, 9.6152



24.9370, 29.6504, 4.4088



0.8839, 1.0548, 0.1570

Inverse Universe

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



9.5707, 4.7134, 45.2048



15.3580, 6.2233, 80.6275



14.3392, 7.0573, 45.4059



8.5347, 8.7467, 11.3179



5.9955, 2.4507, 31.4101



0.2161, 0.0959, 1.1089

Previews

White Background



This preview shows how the XYZ color 36.0715, 42.7985, 7.5222 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 36.0715, 42.7985, 7.5222 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 36.0715, 42.7985, 7.5222

Background



This preview shows how black text looks on a background with the XYZ color 36.0715, 42.7985, 7.5222.



This preview shows how white text looks on a background with the XYZ color 36.0715, 42.7985,

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

36.0715, 42.7985, 7.5222

Protanopia

38.5655, 42.6141, 7.2913

Deuteranopia

43.5013, 42.6280, 7.7690



Tritanopia

44.4073, 42.4430, 49.5679

Trichromacy



Original Color

36.0715, 42.7985, 7.5222

Protanomaly

37.6700, 42.7346, 7.3618

Deuteranomaly

40.5984, 42.5126, 7.6561

Tritanomaly

39.7536, 41.9586, 25.7422

Monochromacy



Original Color

36.0715, 42.7985, 7.5222

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.2638, 38.6452, 21.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0715, 42.7985, 7.5222 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(183, 180, 29)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 29)  
}
```

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(183, 180, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 29) }
```

Border

The CSS property to change the border of an element to XYZ 36.0715, 42.7985, 7.5222 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(183, 180, 29) }
```


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

```
.border{ border-color:rgb(183, 180, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 29);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0715, 42.7985, 7.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 29) }
```

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

```
.background{ background-color: rgb(183,  
180, 29) }
```

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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