

Converting Colors

XYZ(36.4099, 42.0131, 8.4580)

Have a look what the booklet for
XYZ(36.4099, 42.0131, 8.4580)
contains.

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Color

**XYZ(36.4079, 42.0578,
8.4846)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB12B
RGB	186, 177, 43
RGB Percent	73%, 69%, 17%
CMY	0.2706, 0.3059, 0.8313
CMYK	0.00, 0.05, 0.77, 0.27
HSL	56°, 62%, 45%
HSV	56°, 77%, 73%
XYZ	36.4079, 42.0578, 8.4846
YIQ	164.4150, 48.3780, -39.7660

Conversions

Conversions Part 2

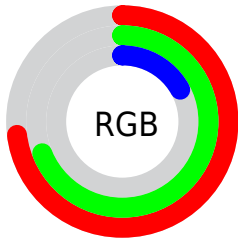
Format	Color
RYB	53, 186, 43
Decimal	12235051
CIELab	70.91, -11.49, 64.42
CIELCh	71, 65.437, 100.113
Yxy	42.0578, 0.4187, 0.4837
Android (android.graphics.Color)	4290425131 (0xFFBAB12B)
YUV	164.4150, -59.8576, 18.9300
Hunter-Lab	64.8520, -13.2811, 37.6395

Details

The XYZ color **36.4079, 42.0578, 8.4846** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **11.0874, 6.5149, 47.1272**, and the grayscale version is **35.7462, 37.6078, 40.9549**.

A 20% lighter version of the original color is **68.8131, 78.0458, 23.4941**, and **16.3869, 19.3344, 2.8682** is the 20% darker color. If you saturate the color by 10%, you get **35.9117, 41.4927, 7.0026**, and if you desaturate by 10%, it is **37.0635, 42.6930, 10.7880**.

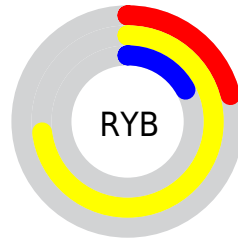
Distribution



Red (73%)

Green (69%)

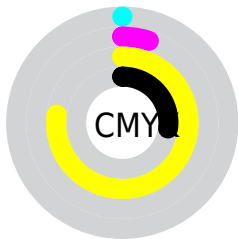
Blue (17%)



Red (21%)

Yellow (73%)

Blue (17%)

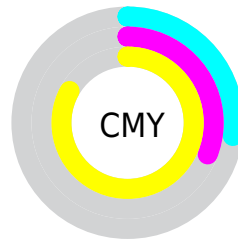


Cyan (0%)

Magenta (5%)

Yellow (77%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4079, 42.0578, 8.4846 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 36.4079, 42.0578, 8.4846 by changing the saturation by 10% instead.


 36.4079, 42.0578,
8.4846


 36.4079, 42.0578,
8.4846


322.1401,
354.7225, 189.5593


 24.9210, 29.1466,
4.3144


 68.9809, 78.2871,
23.4648


 16.1466, 19.1917,
1.7993


 90.7978, 102.3739,
35.1118


 9.7195, 11.8089,
0.4275

 116.7886,
130.9548, 50.0882

 5.2742, 6.6137,
0.0000

 147.3188,
164.4140, 68.8125

 2.4454, 3.2217,
0.0000

 182.7536,
203.1359, 91.7032

 0.8678, 1.2485,
0.0000

 223.4586,

 0.0000, 0.1008,

247.5051, 119.1789

0.0000

269.7990,
297.9058, 151.6581

■ 0.0000, 0.0000,
0.0000

■ 36.4079, 42.0578,
8.4846

■ 36.4079, 42.0578,
8.4846

■ 35.9117, 41.4927,
7.0026

■ 37.0635, 42.6930,
10.7880

■ 35.5463, 40.9815,
6.2035

■ 37.8945, 43.3999,
14.0091

■ 35.4436, 40.8272,
6.0124

■ 38.9178, 44.1870,
18.2335

■ 40.1478, 45.0599,
23.5363

■ 41.5974, 46.0239,
29.9857

■ 43.2785, 47.0836,
37.6439

■ 45.2020, 48.2436,
46.5690

■ 47.3783, 49.5078,
56.8150

■ 49.8170, 50.8803,
68.4331

Harmonies

Analogous

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



47.5322, 42.0578, 9.3737



36.4079, 42.0578, 8.4846



27.9397, 42.0578, 13.5295

Triad

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



36.4079, 42.0578, 8.4846



25.9990, 42.0578, 96.3443



63.0867, 42.0578, 69.3829

Complementary

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



36.4079, 42.0578, 8.4846



11.0874, 6.5149, 47.1272

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.



55.0477, 42.0578, 108.7047



36.4079, 42.0578, 8.4846



33.2640, 42.0578, 128.5495

Square

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



36.4079, 42.0578, 8.4846



22.6950, 42.0578, 57.1571



43.7671, 42.0578, 133.8859



64.3471, 42.0578, 36.0462

Rectangle

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



36.4079, 42.0578, 8.4846



24.4241, 42.0578, 21.9328



43.7671, 42.0578, 133.8859



61.0266, 42.0578, 82.6647

Sweetspot

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



36.4089, 42.0598, 8.4855



76.4155, 84.0734, 58.9520



21.7457, 12.4200, 4.5640



16.5954, 18.3653, 11.9305



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.4089, 42.0598, 8.4855



64.6317, 74.5840, 11.6229



26.3123, 39.5798, 8.5389



9.7005, 10.4040, 9.6038



23.8662, 27.5087, 4.0518



0.8560, 0.9991, 0.1477

Inverse Universe

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



11.0874, 6.5149, 47.1272



16.8956, 7.6781, 84.7929



15.5491, 8.2747, 47.2317



8.5653, 8.8077, 11.3281



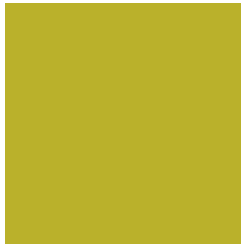
6.0689, 2.5975, 31.4346



0.2294, 0.1224, 1.1133

Previews

White Background



This preview shows how the XYZ color 36.4079, 42.0578, 8.4846 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 36.4079, 42.0578, 8.4846 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 36.4079, 42.0578, 8.4846

Background



This preview shows how black text looks on a background with the XYZ color 36.4079, 42.0578, 8.4846.



This preview shows how white text looks on a background with the XYZ color 36.4079, 42.0578,

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

36.4079, 42.0578, 8.4846

Protanopia

38.0596, 42.0414, 8.2993

Deuteranopia

42.9230, 42.0374, 8.7575



Tritanopia

44.5170, 41.9949, 47.8790

Trichromacy



Original Color

36.4079, 42.0578, 8.4846

Protanomaly

37.4861, 42.0336, 8.3281

Deuteranomaly

40.1547, 41.7030, 8.6224

Tritanomaly

40.1427, 41.2984, 26.6245

Monochromacy



Original Color

36.4079, 42.0578, 8.4846

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.5914, 38.5027, 23.3779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4079, 42.0578, 8.4846 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(186, 177, 43)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 43)  
}
```

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(186, 177, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 43) }
```

Border

The CSS property to change the border of an element to XYZ 36.4079, 42.0578, 8.4846 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(186, 177, 43) }
```


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

```
.border{ border-color:rgb(186, 177, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 177, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 177, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 177, 43);  
box-shadow:4px 4px 4px 4px rgb(186, 177,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4079, 42.0578, 8.4846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 177, 43) }
```

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

```
.background{ background-color: rgb(186,  
177, 43) }
```

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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