

Converting Colors

XYZ(36.8977, 41.4464, 16.2278)

Have a look what the booklet for
XYZ(36.8977, 41.4464, 16.2278)
contains.

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Color

**XYZ(37.0289, 41.6230,
16.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AF5C
RGB	184, 175, 92
RGB Percent	72%, 69%, 36%
CMY	0.2784, 0.3137, 0.6392
CMYK	0.00, 0.05, 0.50, 0.28
HSL	54°, 39%, 54%
HSV	54°, 50%, 72%
XYZ	37.0289, 41.6230, 16.2076
YIQ	168.2290, 32.0070, -23.9050

Conversions

Conversions Part 2

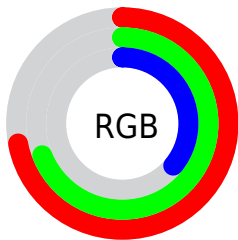
Format	Color
RYB	102, 184, 92
Decimal	12103516
CIELab	70.61, -8.14, 43.33
CIELCh	71, 44.092, 100.642
Yxy	41.6230, 0.3904, 0.4388
Android (android.graphics.Color)	4290293596 (0xFFB8AF5C)
YUV	168.2290, -37.5809, 13.8312
Hunter-Lab	64.5159, -10.4527, 30.2664

Details

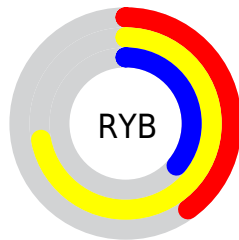
The XYZ color **37.0289, 41.6230, 16.2076** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17.7190, 15.0429, 47.3169**, and the grayscale version is **37.5008, 39.4538, 42.9652**.

A 20% lighter version of the original color is **69.9488, 77.4845, 37.6549**, and **16.5541, 19.0002, 4.9854** is the 20% darker color. If you saturate the color by 10%, you get **35.9729, 40.6456, 12.3579**, and if you desaturate by 10%, it is **38.2870, 42.6918, 21.0893**.

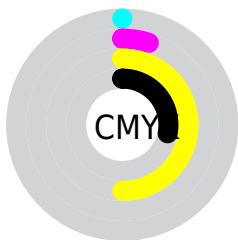
Distribution



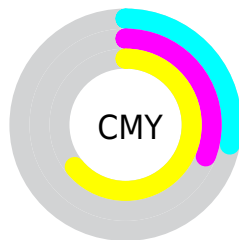
- Red (72%)
- Green (69%)
- Blue (36%)



- Red (40%)
- Yellow (72%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0289, 41.6230, 16.2076 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 37.0289, 41.6230, 16.2076 by changing the saturation by 10% instead.

■ 37.0289, 41.6230,
16.2076

■ 37.0289, 41.6230,
16.2076

324.7890,
352.9177, 242.4510

■ 25.4036, 28.8062,
9.5152

■ 69.9308, 77.6287,
37.7300

■ 16.5084, 18.9343,
4.9774

■ 91.9381, 101.5865,
53.3972

■ 9.9777, 11.6228,
2.1755

■ 118.1368,
130.0266, 72.8930

■ 5.4463, 6.4874,
0.6602

■ 148.8923,
163.3336, 96.6360

■ 2.5489, 3.1436,
0.0000

184.5699,
201.8918, 125.0448

■ 0.9200, 1.2072,
0.0000

225.5350,

■ 0.0000, 0.0676,

246.0856, 158.5378

0.0000

272.1529,
296.2995, 197.5337

■ 0.0000, 0.0000,
0.0000

■ 37.0289, 41.6230,
16.2076

■ 37.0289, 41.6230,
16.2076

■ 35.9729, 40.6456,
12.3579

■ 38.2870, 42.6918,
21.0893

■ 35.1014, 39.7479,
9.4620

■ 39.7570, 43.8513,
27.0687

■ 34.3993, 38.9253,
7.4343

■ 41.4520, 45.1083,
34.2090

■ 33.8470, 38.1701,
6.1733

■ 43.3827, 46.4672,
42.5679

■ 33.4051, 37.4664,
5.4712

■ 45.5595, 47.9321,
52.1991

■ 33.4051, 37.4663,
5.4711

■ 47.9920, 49.5068,
63.1534

■ 50.6893, 51.1951,
75.4785

■ 53.6601, 53.0005,
89.2199

■ 56.4907, 54.7575,
102.1996

Harmonies

Analogous

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



44.3921, 41.6230, 17.0163



37.0289, 41.6230, 16.2076



31.1158, 41.6230, 21.1737

Triad

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



37.0289, 41.6230, 16.2076



29.8497, 41.6230, 76.8189



54.3148, 41.6230, 59.9724

Complementary

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



37.0289, 41.6230, 16.2076



17.7190, 15.0429, 47.3169

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.



49.4117, 41.6230, 83.1171



37.0289, 41.6230, 16.2076



35.0945, 41.6230, 94.7267

Square

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



37.0289, 41.6230, 16.2076



27.3222, 41.6230, 53.1454



42.2068, 41.6230, 97.3319



54.9988, 41.6230, 38.3038

Rectangle

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



37.0289, 41.6230, 16.2076



28.5586, 41.6230, 28.3501



42.2068, 41.6230, 97.3319



53.0794, 41.6230, 67.9890

Sweetspot

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



37.0299, 41.6249, 16.2085



76.7506, 82.9175, 68.9260



25.9533, 18.7885, 14.6225



16.3906, 17.7653, 14.1891



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.



37.0299, 41.6249, 16.2085



65.0373, 73.5114, 21.7987



31.1410, 41.2752, 16.4513



9.6731, 10.3492, 9.5947



23.0514, 25.8792, 3.7803



0.8345, 0.9561, 0.1406

Inverse Universe

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



17.7190, 15.0429, 47.3169



26.0645, 19.8930, 84.6706



21.5021, 15.7669, 47.2573



8.5899, 8.8570, 11.3363



6.1365, 2.7326, 31.4571



0.2400, 0.1436, 1.1168

Previews

White Background



This preview shows how the XYZ color 37.0289, 41.6230, 16.2076 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 37.0289, 41.6230, 16.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

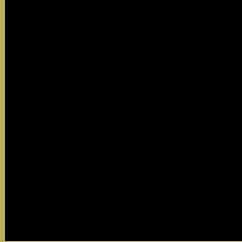
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0289, 41.6230, 16.2076

Background



This preview shows how black text looks on a background with the XYZ color 37.0289, 41.6230, 16.2076.



This preview shows how white text looks on a background with the XYZ color 37.0289, 41.6230,

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

37.0289, 41.6230, 16.2076

Protanopia

38.0671, 41.5896, 15.9188

Deuteranopia

42.3847, 41.5854, 16.6193



Tritanopia

43.4833, 41.4621, 47.8306

Trichromacy



Original Color

37.0289, 41.6230, 16.2076

Protanomaly

37.7634, 41.7188, 15.9597

Deuteranomaly

40.2957, 41.6016, 16.4958

Tritanomaly

40.6896, 41.4297, 33.4559

Monochromacy



Original Color

37.0289, 41.6230, 16.2076

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7521, 40.0179, 30.5981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0289, 41.6230, 16.2076 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(184, 175, 92)` looks like.

```
.text, #text, p{  
    color:rgb(184, 175, 92)  
}
```

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(184, 175, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 175, 92) }
```

Border

The CSS property to change the border of an element to XYZ 37.0289, 41.6230, 16.2076 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(184, 175, 92) }
```


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

```
.border{ border-color:rgb(184, 175, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 175, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 175, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 175, 92);  
box-shadow:4px 4px 4px 4px rgb(184, 175,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0289, 41.6230, 16.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 175, 92) }
```

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

```
.background{ background-color: rgb(184,  
175, 92) }
```

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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