

Converting Colors

XYZ(36.6420, 40.5282, 6.2071)

Have a look what the booklet for
XYZ(36.6420, 40.5282, 6.2071)
contains.

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Color

**XYZ(36.6156, 40.4874,
6.2016)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AB0B
RGB	193, 171, 11
RGB Percent	76%, 67%, 4%
CMY	0.2431, 0.3294, 0.9568
CMYK	0.00, 0.11, 0.94, 0.24
HSL	53°, 89%, 40%
HSV	53°, 94%, 76%
XYZ	36.6156, 40.4874, 6.2016
YIQ	159.3380, 64.4720, -45.0960

Conversions

Conversions Part 2

Format	Color
RYB	36, 193, 11
Decimal	12692235
CIELab	69.82, -6.08, 71.01
CIELCh	70, 71.267, 94.894
Yxy	40.4874, 0.4395, 0.4860
Android (android.graphics.Color)	4290882315 (0xFFC1AB0B)
YUV	159.3380, -73.1306, 29.5216
Hunter-Lab	63.6297, -8.6345, 38.7622

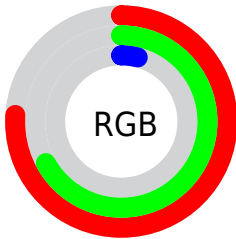
Details

The XYZ color **36.6156, 40.4874, 6.2016** is a dark color, and the websafe version is hex **999900**.

The color can be described as dark washed orange. A complement of this color would be **10.3079, 5.0097, 50.8753**, and the grayscale version is **33.4153, 35.1555, 38.2843**.

A 20% lighter version of the original color is **69.1896, 75.8694, 18.7822**, and **16.5885, 18.3445, 2.6665** is the 20% darker color. If you saturate the color by 10%, you get **36.3058, 39.9647, 5.8004**, and if you desaturate by 10%, it is **37.2389, 41.4496, 7.2874**.

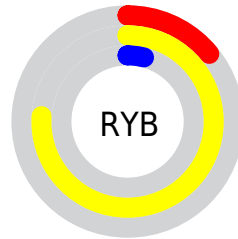
Distribution



Red (76%)

Green (67%)

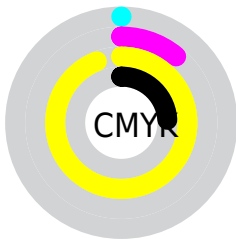
Blue (4%)



Red (14%)

Yellow (76%)

Blue (4%)

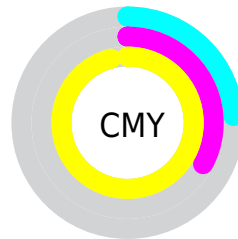


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6156, 40.4874, 6.2016 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 36.6156, 40.4874, 6.2016 by changing the saturation by 10% instead.


 36.6156, 40.4874,
6.2016


 36.6156, 40.4874,
6.2016


323.0278,
348.1736, 170.2252


 25.0823, 27.9188,
2.8973


 69.2989, 75.9051,
18.8328

 16.2675, 18.2644,
1.0424


 91.1795, 99.5230,
28.9967


 9.8057, 11.1400,
0.0000


 117.2401,
127.5928, 42.2843

 5.3316, 6.1611,
0.0000

 147.8458,
160.4988, 59.1140

 2.4798, 2.9433,
0.0000

 183.3621,
198.6256, 79.9044

 0.8851, 1.1022,
0.0000

 224.1543,

 0.0000, 0.0000,

242.3573, 105.0740

0.0000

270.5877,
292.0786, 135.0415

■ 36.6156, 40.4874,
6.2016

■ 36.6156, 40.4874,
6.2016

■ 36.3058, 39.9647,
5.8004

■ 37.2389, 41.4496,
7.2874

■ 38.0203, 42.4859,
9.1710

■ 38.9846, 43.6079,
11.9789

■ 40.1515, 44.8236,
15.8149

■ 41.5382, 46.1399,
20.7690

■ 43.1599, 47.5629,
26.9213

■ 45.0304, 49.0983,
34.3446

■ 47.1626, 50.7513,
43.1058

■ 49.5682, 52.5265,
53.2673

Harmonies

Analogous

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



48.7122, 40.4874, 7.9021



36.6156, 40.4874, 6.2016



27.1088, 40.4874, 9.7586

Triad

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



36.6156, 40.4874, 6.2016



22.9694, 40.4874, 91.4881



62.3417, 40.4874, 77.0127

Complementary

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



36.6156, 40.4874, 6.2016



10.3079, 5.0097, 50.8753

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.



52.6601, 40.4874, 119.6936



36.6156, 40.4874, 6.2016



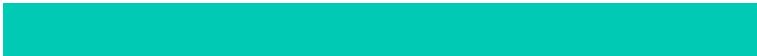
29.7949, 40.4874, 130.5844

Square

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



36.6156, 40.4874, 6.2016



20.3024, 40.4874, 49.7445



40.4109, 40.4874, 142.8861



65.1703, 40.4874, 38.8699

Rectangle

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



36.6156, 40.4874, 6.2016



23.0030, 40.4874, 16.6603



40.4109, 40.4874, 142.8861



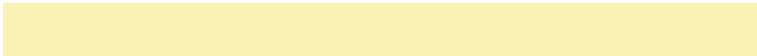
59.6974, 40.4874, 91.8035

Sweetspot

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



36.6165, 40.4893, 6.2024



79.2061, 86.7713, 55.7155



22.4195, 11.7001, 2.6887



16.6853, 18.3612, 10.7408



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.6165, 40.4893, 6.2024



64.9025, 71.3334, 10.3480



27.7746, 42.6201, 7.0797



10.8062, 11.5438, 10.7205



24.1870, 26.6597, 3.8710



1.0749, 1.2116, 0.1772

Inverse Universe

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



10.3079, 5.0097, 50.8753



17.7090, 7.8347, 90.9392



12.8663, 5.6988, 50.8735



9.6242, 9.9397, 12.6961



6.6422, 3.0408, 33.7935



0.3201, 0.1976, 1.4712

Previews

White Background



This preview shows how the XYZ color 36.6156, 40.4874, 6.2016 looks on a white background.

Color Contrast Check

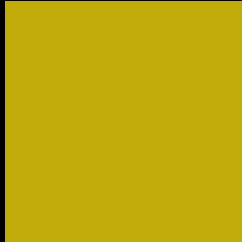
Large Text (above 18pt) WCAG AA × Fail

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 36.6156, 40.4874, 6.2016 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 36.6156, 40.4874, 6.2016

Background



This preview shows how black text looks on a background with the XYZ color 36.6156, 40.4874, 6.2016.



This preview shows how white text looks on a background with the XYZ color 36.6156, 40.4874,

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

36.6156, 40.4874, 6.2016

Protanopia

36.6156, 40.4874, 6.2016

Deuteranopia

41.3939, 40.5015, 6.4465



Tritanopia

44.3774, 40.4331, 43.9935

Trichromacy



Original Color

36.6156, 40.4874, 6.2016

Protanomaly

36.6156, 40.4874, 6.2016

Deuteranomaly

39.5851, 40.3672, 6.3214

Tritanomaly

39.6310, 39.5288, 21.1638

Monochromacy



Original Color

36.6156, 40.4874, 6.2016

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.4416, 35.8722, 18.5788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6156, 40.4874, 6.2016 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(193, 171, 11)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 11)  
}
```

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(193, 171, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 11) }
```

Border

The CSS property to change the border of an element to XYZ 36.6156, 40.4874, 6.2016 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(193, 171, 11) }
```


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

```
.border{ border-color:rgb(193, 171, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 171, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 11);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6156, 40.4874, 6.2016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 11) }
```

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

```
.background{ background-color: rgb(193,  
171, 11) }
```

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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