

Converting Colors

XYZ(36.0244, 37.2133, 6.1484)

Have a look what the booklet for
XYZ(36.0244, 37.2133, 6.1484)
contains.

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Color

**XYZ(36.0244, 37.2133,
6.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A018
RGB	198, 160, 24
RGB Percent	78%, 63%, 9%
CMY	0.2235, 0.3725, 0.9058
CMYK	0.00, 0.19, 0.88, 0.22
HSL	47°, 78%, 44%
HSV	47°, 88%, 78%
XYZ	36.0244, 37.2133, 6.1484
YIQ	155.8580, 66.3040, -34.2400

Conversions

Conversions Part 2

Format	Color
RYB	73, 198, 24
Decimal	13017112
CIELab	67.44, 2.20, 67.13
CIELCh	67, 67.163, 88.119
Yxy	37.2133, 0.4538, 0.4688
Android (android.graphics.Color)	4291207192 (0xFFC6A018)
YUV	155.8580, -65.0060, 36.9585
Hunter-Lab	61.0027, -1.3437, 36.7261

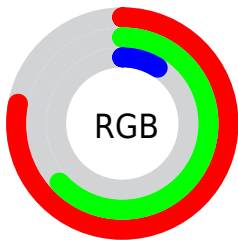
Details

The XYZ color **36.0244, 37.2133, 6.1484** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **12.2926, 7.7170, 54.2674**, and the grayscale version is **31.7979, 33.4538, 36.4312**.

A 20% lighter version of the original color is **66.9263, 70.0090, 18.5800**, and **16.1161, 16.4262, 2.3212** is the 20% darker color. If you saturate the color by 10%, you get **35.1467, 35.6851, 5.1563**, and if you desaturate by 10%, it is **37.0740, 38.8549, 7.9098**.

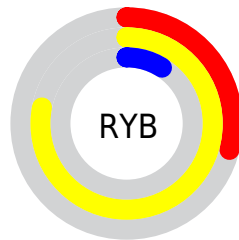
Distribution



Red (78%)

Green (63%)

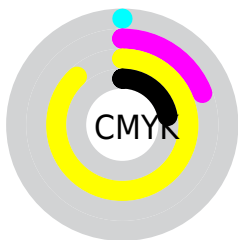
Blue (9%)



Red (29%)

Yellow (78%)

Blue (9%)

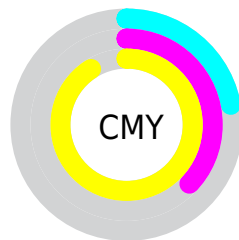


Cyan (0%)

Magenta (19%)

Yellow (88%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0244, 37.2133, 6.1484 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 36.0244, 37.2133, 6.1484 by changing the saturation by 10% instead.


 36.0244, 37.2133,
6.1484


 36.0244, 37.2133,
6.1484


320.4966,
334.2331, 169.7402


 24.6232, 25.3727,
2.8653


 68.3933, 70.9007,
18.7211


 15.9238, 16.3549,
1.0263


 90.0918, 93.5163,
28.8478

 9.5608, 9.7757,
0.0000


 115.9535,
120.4924, 42.0927

 5.1687, 5.2505,
0.0000

 146.3437,
152.2132, 58.8744

 2.3824, 2.3950,
0.0000

 181.6277,
189.0634, 79.6115

 0.8363, 0.8233,
0.0000

 222.1710,

 0.0000, 0.0000,

231.4271, 104.7225

0.0000

268.3388,
279.6889, 134.6259

■ 36.0244, 37.2133,
6.1484

■ 36.0244, 37.2133,
6.1484

■ 35.1467, 35.6851,
5.1563

■ 37.0740, 38.8549,
7.9098

■ 34.9704, 35.3694,
4.9838

■ 38.3263, 40.6183,
10.6124

■ 39.8047, 42.5146,
14.3748

■ 41.5287, 44.5521,
19.2975

■ 43.5152, 46.7379,
25.4695

■ 45.7798, 49.0787,
32.9708

■ 48.3366, 51.5805,
41.8750

■ 51.1988, 54.2489,
52.2501

■ 54.3786, 57.0892,
64.1597

Harmonies

Analogous

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



46.9022, 37.2133, 8.9085



36.0244, 37.2133, 6.1484



26.8285, 37.2133, 8.2472

Triad

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



36.0244, 37.2133, 6.1484



20.6136, 37.2133, 73.5841



55.0064, 37.2133, 78.4907

Complementary

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



36.0244, 37.2133, 6.1484



12.2926, 7.7170, 54.2674

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.



45.5558, 37.2133, 114.0113



36.0244, 37.2133, 6.1484



25.9026, 37.2133, 110.3396

Square

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



36.0244, 37.2133, 6.1484



19.0314, 37.2133, 38.6850



34.7238, 37.2133, 127.8243



59.1022, 37.2133, 42.4100

Rectangle

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



36.0244, 37.2133, 6.1484



22.5726, 37.2133, 13.2141



34.7238, 37.2133, 127.8243



52.2704, 37.2133, 91.4403

Sweetspot

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



36.0252, 37.2151, 6.1491



81.7068, 87.5492, 60.5658



24.5581, 13.0364, 6.1634



17.1687, 18.4172, 11.8771



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.



36.0252, 37.2151, 6.1491



61.7362, 62.2524, 8.7621



33.2334, 47.0909, 8.2025



11.3198, 12.0088, 11.2841



22.8074, 23.1320, 3.2628



1.1301, 1.1957, 0.1712

Inverse Universe

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



12.2926, 7.7170, 54.2674



19.4489, 10.0178, 95.5163



13.0750, 6.0481, 53.9040



10.2414, 10.6568, 13.4347



7.2488, 3.8915, 35.1134



0.3985, 0.2948, 1.6810

Previews

White Background



This preview shows how the XYZ color 36.0244, 37.2133, 6.1484 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 36.0244, 37.2133, 6.1484 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 36.0244, 37.2133, 6.1484

Background



This preview shows how black text looks on a background with the XYZ color 36.0244, 37.2133, 6.1484.



This preview shows how white text looks on a background with the XYZ color 36.0244, 37.2133,

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

36.0244, 37.2133, 6.1484

Protanopia

33.6382, 37.2947, 6.3454

Deuteranopia

37.8184, 37.1215, 6.2088



Tritanopia

42.5462, 37.1548, 38.1869

Trichromacy



Original Color

36.0244, 37.2133, 6.1484

Protanomaly

34.5079, 37.2117, 6.2835

Deuteranomaly

37.1453, 37.0259, 6.1662

Tritanomaly

38.8891, 36.6267, 20.0589

Monochromacy



Original Color

36.0244, 37.2133, 6.1484

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.5583, 33.8546, 19.0586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0244, 37.2133, 6.1484 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(198, 160, 24)` looks like.

```
.text, #text, p{  
    color:rgb(198, 160, 24)  
}
```

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(198, 160, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 160, 24) }
```

Border

The CSS property to change the border of an element to XYZ 36.0244, 37.2133, 6.1484 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(198, 160, 24) }
```


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

```
.border{ border-color:rgb(198, 160, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 160, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 160, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 160, 24);  
box-shadow:4px 4px 4px 4px rgb(198, 160,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0244, 37.2133, 6.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 160, 24) }
```

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

```
.background{ background-color: rgb(198,  
160, 24) }
```

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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