

Converting Colors

XYZ(36.2547, 37.0597, 6.8325)

Have a look what the booklet for
XYZ(36.2547, 37.0597, 6.8325)
contains.

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Color

**XYZ(36.2547, 37.0597,
6.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	C79F23
RGB	199, 159, 35
RGB Percent	78%, 62%, 14%
CMY	0.2196, 0.3764, 0.8627
CMYK	0.00, 0.20, 0.82, 0.22
HSL	45°, 70%, 46%
HSV	45°, 82%, 78%
XYZ	36.2547, 37.0597, 6.8325
YIQ	156.8240, 63.6440, -30.0840

Conversions

Conversions Part 2

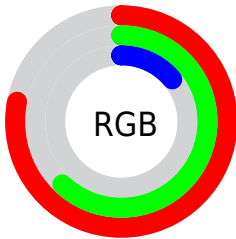
Format	Color
R_{YB}	88, 199, 35
Decimal	13082403
CIE _{Lab}	67.32, 3.47, 64.18
CIE _{LCh}	67, 64.276, 86.906
Yxy	37.0597, 0.4524, 0.4624
Android (android.graphics.Color)	4291272483 (0xFFC79F23)
YUV	156.8240, -60.0592, 36.9884
Hunter-Lab	60.8767, -0.2297, 35.9593

Details

The XYZ color **36.2547, 37.0597, 6.8325** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark muted orange. A complement of this color would be **13.5181, 9.5130, 55.1562**, and the grayscale version is **32.2111, 33.8886, 36.9047**.

A 20% lighter version of the original color is **66.9660, 69.6212, 20.0340**, and **16.1778, 16.3006, 2.2937** is the 20% darker color. If you saturate the color by 10%, you get **35.2208, 35.3383, 5.4205**, and if you desaturate by 10%, it is **37.4905, 38.9172, 9.1383**.

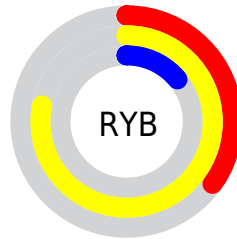
Distribution



Red (78%)

Green (62%)

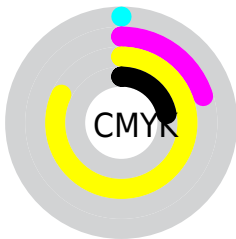
Blue (14%)



Red (35%)

Yellow (78%)

Blue (14%)

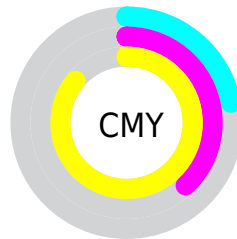


Cyan (0%)

Magenta (20%)

Yellow (82%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2547, 37.0597, 6.8325 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 36.2547, 37.0597, 6.8325 by changing the saturation by 10% instead.


 36.2547, 37.0597,
6.8325


 36.2547, 37.0597,
6.8325


321.4843,
333.5689, 175.8424

 24.8020, 25.2537,
3.2807


 68.7463, 70.6646,
20.1425

 16.0575, 16.2662,
1.2397


 90.5159, 93.2323,
30.7379


 9.6560, 9.7127,
0.0116


 116.4552,
120.1560, 44.5181

 5.2320, 5.2089,
0.0000

 146.9295,
151.8202, 61.9019

 2.4202, 2.3703,
0.0000

 182.3042,
188.6091, 83.3076

 0.8552, 0.8106,
0.0000

 222.9447,

 0.0000, 0.0000,

230.9073, 109.1539

0.0000

269.2163,
279.0991, 139.8593

■ 36.2547, 37.0597,
6.8325

■ 36.2547, 37.0597,
6.8325

■ 35.2208, 35.3383,
5.4205

■ 37.4905, 38.9172,
9.1383

■ 34.5343, 34.1045,
4.7627

■ 38.9507, 40.9161,
12.4663

■ 40.6573, 43.0670,
16.9262

■ 42.6285, 45.3780,
22.6128

■ 44.8808, 47.8562,
29.6110

■ 47.4293, 50.5081,
37.9982

■ 50.2877, 53.3397,
47.8455

■ 53.4689, 56.3568,
59.2194

■ 56.9852, 59.5648,
72.1821

Harmonies

Analogous

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



46.5922, 37.0597, 9.8590



36.2547, 37.0597, 6.8325



27.3402, 37.0597, 8.7602

Triad

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



36.2547, 37.0597, 6.8325



20.9077, 37.0597, 70.1597



53.5626, 37.0597, 77.7381

Complementary

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



36.2547, 37.0597, 6.8325



13.5181, 9.5130, 55.1562

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.



44.4943, 37.0597, 110.4851



36.2547, 37.0597, 6.8325



25.8741, 37.0597, 104.8622

Square

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



36.2547, 37.0597, 6.8325



19.5134, 37.0597, 37.4986



34.2133, 37.0597, 122.1969



57.6845, 37.0597, 43.3460

Rectangle

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



36.2547, 37.0597, 6.8325



23.1401, 37.0597, 13.5067



34.2133, 37.0597, 122.1969



50.9179, 37.0597, 89.8190

Sweetspot

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



36.2555, 37.0615, 6.8332



81.6708, 87.0312, 61.9288



25.4589, 13.8663, 8.1728



17.1394, 18.2734, 12.1301



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.



36.2555, 37.0615, 6.8332



60.4200, 59.5976, 8.3922



34.8275, 48.2372, 9.0656



11.2963, 11.9618, 11.2762



22.2779, 22.0729, 3.0863



1.1089, 1.1533, 0.1642

Inverse Universe

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



13.5181, 9.5130, 55.1562



19.9219, 10.9164, 95.6648



13.8907, 6.8625, 54.6250



10.2633, 10.7006, 13.4420



7.3809, 4.1557, 35.1575



0.4084, 0.3145, 1.6843

Previews

White Background



This preview shows how the XYZ color 36.2547, 37.0597, 6.8325 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 36.2547, 37.0597, 6.8325 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 36.2547, 37.0597, 6.8325

Background



This preview shows how black text looks on a background with the XYZ color 36.2547, 37.0597, 6.8325.



This preview shows how white text looks on a background with the XYZ color 36.2547, 37.0597,

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

36.2547, 37.0597, 6.8325

Protanopia

33.7812, 37.3519, 7.0983

Deuteranopia

37.9545, 37.1759, 6.9255



Tritanopia

42.5800, 36.9484, 37.6884

Trichromacy



Original Color

36.2547, 37.0597, 6.8325

Protanomaly

34.6508, 37.2689, 7.0364

Deuteranomaly

37.2772, 37.0787, 6.8612

Tritanomaly

39.1673, 36.5087, 20.9021

Monochromacy



Original Color

36.2547, 37.0597, 6.8325

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2208, 34.4166, 20.5676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2547, 37.0597, 6.8325 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(199, 159, 35)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 35)  
}
```

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(199, 159, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 35) }
```

Border

The CSS property to change the border of an element to XYZ 36.2547, 37.0597, 6.8325 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(199, 159, 35) }
```


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

```
.border{ border-color:rgb(199, 159, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 35);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2547, 37.0597, 6.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 35) }
```

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

```
.background{ background-color: rgb(199,  
159, 35) }
```

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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