

Converting Colors

XYZ(36.0765, 37.9859, 7.9132)

Have a look what the booklet for
XYZ(36.0765, 37.9859, 7.9132)
contains.

XYZ(36.0765, 37.9859, 7.9132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.0765, 37.9859,
7.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A32D
RGB	195, 163, 45
RGB Percent	76%, 64%, 18%
CMY	0.2353, 0.3608, 0.8235
CMYK	0.00, 0.16, 0.77, 0.24
HSL	47°, 62%, 47%
HSV	47°, 77%, 76%
XYZ	36.0765, 37.9859, 7.9132
YIQ	159.1160, 56.9500, -29.9140

Conversions

Conversions Part 2

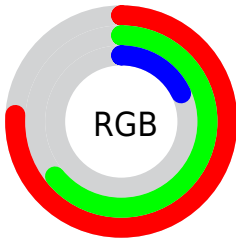
Format	Color
RYB	86, 195, 45
Decimal	12821293
CIELab	68.01, -0.09, 61.38
CIElCh	68, 61.382, 90.087
Yxy	37.9859, 0.4401, 0.4634
Android (android.graphics.Color)	4291011373 (0xFFC3A32D)
YUV	159.1160, -56.2592, 31.4703
Hunter-Lab	61.6327, -3.3728, 35.5305

Details

The XYZ color **36.0765, 37.9859, 7.9132** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **13.5864, 9.8056, 52.8060**, and the grayscale version is **33.2399, 34.9709, 38.0833**.

A 20% lighter version of the original color is **68.6117, 72.3229, 22.4001**, and **16.1107, 16.9067, 2.4142** is the 20% darker color. If you saturate the color by 10%, you get **35.0581, 36.4177, 6.1300**, and if you desaturate by 10%, it is **37.2942, 39.6757, 10.6186**.

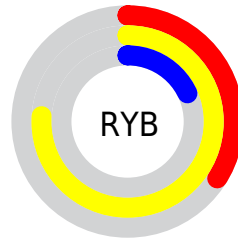
Distribution



Red (76%)

Green (64%)

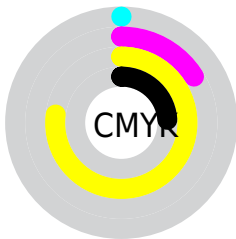
Blue (18%)



Red (34%)

Yellow (76%)

Blue (18%)

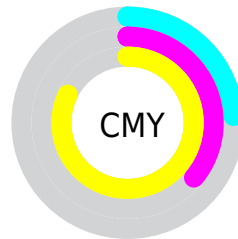


Cyan (0%)

Magenta (16%)

Yellow (77%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0765, 37.9859, 7.9132 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 36.0765, 37.9859, 7.9132 by changing the saturation by 10% instead.

36.0765, 37.9859,
7.9132

36.0765, 37.9859,
7.9132

320.7202,
337.5595, 184.9587

24.6637, 25.9717,
3.9525

68.4732, 72.0865,
22.3315

15.9540, 16.8025,
1.5993

90.1878, 94.9418,
33.6261

9.5823, 10.0938,
0.2903

116.0671,
122.1795, 48.2024

5.1830, 5.4612,
0.0000

146.4763,
154.1842, 66.4790

2.3909, 2.5203,
0.0000

181.7809,
191.3401, 88.8744

0.8406, 0.8868,
0.0000

222.3461,

0.0000, 0.0000,

234.0317, 115.8071

0.0000

268.5375,
282.6434, 147.6957

■ 36.0765, 37.9859,
7.9132

■ 36.0765, 37.9859,
7.9132

■ 35.0581, 36.4177,
6.1300

■ 37.2942, 39.6757,
10.6186

■ 34.2076, 34.9536,
5.1162

■ 38.7301, 41.4905,
14.3556

■ 33.9633, 34.5175,
4.8725

■ 40.4033, 43.4399,
19.2203

■ 42.3301, 45.5306,
25.2975

■ 44.5253, 47.7690,
32.6637

■ 47.0024, 50.1608,
41.3890

■ 49.7740, 52.7113,
51.5386

■ 52.8518, 55.4256,
63.1734

■ 56.2469, 58.3085,
76.3507

Harmonies

Analogous

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



46.0562, 37.9859, 10.4743



36.0765, 37.9859, 7.9132



27.6601, 37.9859, 10.5064

Triad

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



36.0765, 37.9859, 7.9132



22.4341, 37.9859, 73.7177



54.4718, 37.9859, 73.5140

Complementary

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



36.0765, 37.9859, 7.9132



13.5864, 9.8056, 52.8060

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.



46.1132, 37.9859, 105.5803



36.0765, 37.9859, 7.9132



27.7007, 37.9859, 105.7299

Square

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



36.0765, 37.9859, 7.9132



20.6806, 37.9859, 41.4403



36.1324, 37.9859, 119.3739



57.7529, 37.9859, 41.2801

Rectangle

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



36.0765, 37.9859, 7.9132



23.7733, 37.9859, 15.9642



36.1324, 37.9859, 119.3739



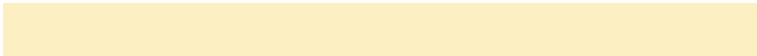
52.0977, 37.9859, 85.1033

Sweetspot

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



36.0774, 37.9877, 7.9140



81.2684, 87.0504, 63.7859



24.8015, 14.0221, 8.5141



17.4528, 18.7251, 12.7739



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.



36.0774, 37.9877, 7.9140



61.7707, 63.5001, 9.6721



33.0315, 45.9433, 9.6101



10.7252, 11.3818, 10.6935



22.1374, 22.5606, 3.1879



1.0032, 1.0681, 0.1533

Inverse Universe

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



13.5864, 9.8056, 52.8060



20.1083, 11.5550, 93.6403



14.7664, 7.8677, 52.3697



9.6986, 10.0885, 12.7209



6.9819, 3.7203, 33.9067



0.3534, 0.2641, 1.4822

Previews

White Background



This preview shows how the XYZ color 36.0765, 37.9859, 7.9132 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 36.0765, 37.9859, 7.9132 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 36.0765, 37.9859, 7.9132

Background



This preview shows how black text looks on a background with the XYZ color 36.0765, 37.9859, 7.9132.



This preview shows how white text looks on a background with the XYZ color 36.0765, 37.9859,

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

36.0765, 37.9859, 7.9132

Protanopia

34.3791, 37.9088, 8.0899

Deuteranopia

38.5825, 37.7291, 7.9382



Tritanopia

42.5577, 37.8333, 40.1815

Trichromacy



Original Color

36.0765, 37.9859, 7.9132

Protanomaly

34.9345, 37.9263, 8.0640

Deuteranomaly

37.5199, 37.6900, 7.8822

Tritanomaly

39.1591, 37.4368, 23.2513

Monochromacy



Original Color

36.0765, 37.9859, 7.9132

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8541, 35.2203, 22.2061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0765, 37.9859, 7.9132 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(195, 163, 45)` looks like.

```
.text, #text, p{  
    color:rgb(195, 163, 45)  
}
```

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(195, 163, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 163, 45) }
```

Border

The CSS property to change the border of an element to XYZ 36.0765, 37.9859, 7.9132 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(195, 163, 45) }
```


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

```
.border{ border-color:rgb(195, 163, 45) }
```

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

Here you see how a box with a 4 pixel rgb(195, 163, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 163, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 163, 45);  
box-shadow:4px 4px 4px 4px rgb(195, 163,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0765, 37.9859, 7.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 163, 45) }
```

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

```
.background{ background-color: rgb(195,  
163, 45) }
```

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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