

Converting Colors

XYZ(37.6654, 41.5459, 8.5166)

Have a look what the booklet for
XYZ(37.6654, 41.5459, 8.5166)
contains.

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Color

**XYZ(37.6654, 41.5459,
8.5166)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AD2D
RGB	194, 173, 45
RGB Percent	76%, 68%, 18%
CMY	0.2392, 0.3215, 0.8235
CMYK	0.00, 0.11, 0.77, 0.24
HSL	52°, 62%, 47%
HSV	52°, 77%, 76%
XYZ	37.6654, 41.5459, 8.5166
YIQ	164.6870, 53.6040, -35.3560

Conversions

Conversions Part 2

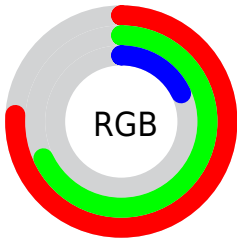
Format	Color
RYB	69, 194, 45
Decimal	12758317
CIELab	70.56, -5.83, 63.70
CIELCh	71, 63.969, 95.230
Yxy	41.5459, 0.4293, 0.4736
Android (android.graphics.Color)	4290948397 (0xFFC2AD2D)
YUV	164.6870, -59.0057, 25.7075
Hunter-Lab	64.4561, -8.4904, 37.2853

Details

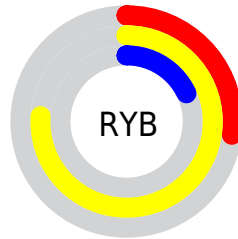
The XYZ color **37.6654, 41.5459, 8.5166** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **12.7682, 8.3494, 51.9774**, and the grayscale version is **35.8709, 37.7390, 41.0978**.

A 20% lighter version of the original color is **70.9654, 77.4972, 23.5301**, and **16.9907, 18.9090, 2.7543** is the 20% darker color. If you saturate the color by 10%, you get **36.8558, 40.3935, 6.8085**, and if you desaturate by 10%, it is **38.6592, 42.7924, 11.1333**.

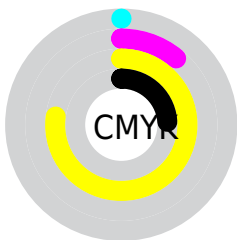
Distribution



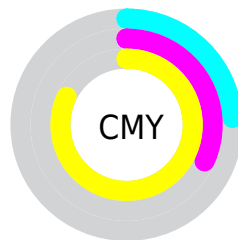
- Red (76%)
- Green (68%)
- Blue (18%)



- Red (27%)
- Yellow (76%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (77%)
- Black (24%)





- Cyan (24%)
- Magenta (32%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6654, 41.5459, 8.5166 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 37.6654, 41.5459, 8.5166 by changing the saturation by 10% instead.


 37.6654, 41.5459,
8.5166


 37.6654, 41.5459,
8.5166


327.4882,
352.5970, 189.8130


 25.8991, 28.7459,
4.3348


 70.9022, 77.5119,
23.5278

 16.8805, 18.8887,
1.8107


 93.1035, 101.4467,
35.1943

 10.2441, 11.5899,
0.4350


 119.5137,
129.8618, 50.1927

 5.6246, 6.4651,
0.0000

 150.4984,
163.1417, 68.9416

 2.6567, 3.1299,
0.0000

 186.4228,
201.6708, 91.8595

 0.9749, 1.1999,
0.0000

 227.6524,

 0.0000, 0.0616,

245.8335, 119.3650

0.0000

274.5524,
296.0141, 151.8767

■ 0.0000, 0.0000,
0.0000

■ 37.6654, 41.5459,
8.5166

■ 37.6654, 41.5459,
8.5166

■ 36.8558, 40.3935,
6.8085

■ 38.6592, 42.7924,
11.1333

■ 36.1995, 39.3178,
5.8594

■ 39.8552, 44.1354,
14.7659

■ 36.0052, 38.9836,
5.6269

■ 41.2723, 45.5842,
19.5093

■ 42.9264, 47.1453,
25.4469

■ 44.8320, 48.8246,
32.6542

■ 47.0021, 50.6273,
41.2004

■ 49.4490, 52.5584,
51.1496

■ 52.1842, 54.6228,
62.5619

■ 55.2185, 56.8247,
75.4939

Harmonies

Analogous

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



48.6242, 41.5459, 10.3078



37.6654, 41.5459, 8.5166



28.8918, 41.5459, 12.4152

Triad

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



37.6654, 41.5459, 8.5166



25.1119, 41.5459, 87.7746



60.9514, 41.5459, 74.2479

Complementary

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



37.6654, 41.5459, 8.5166



12.7682, 8.3494, 51.9774

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.



52.4023, 41.5459, 111.3323



37.6654, 41.5459, 8.5166



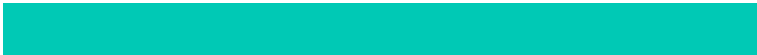
31.5747, 41.5459, 121.2807

Square

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



37.6654, 41.5459, 8.5166



22.5181, 41.5459, 50.7489



41.3687, 41.5459, 131.4117



63.3656, 41.5459, 40.1383

Rectangle

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



37.6654, 41.5459, 8.5166



25.0428, 41.5459, 19.5110



41.3687, 41.5459, 131.4117



58.6335, 41.5459, 87.1807

Sweetspot

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



37.6663, 41.5479, 8.5174



82.5206, 89.5550, 64.2034



24.2104, 13.7560, 6.7452



17.7674, 19.3544, 12.8788



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.



37.6663, 41.5479, 8.5174



65.9568, 71.8721, 11.0674



30.8953, 44.5106, 9.4462



10.7885, 11.5085, 10.7146



23.7179, 25.7215, 3.7147



1.0587, 1.1792, 0.1718

Inverse Universe

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



12.7682, 8.3494, 51.9774



19.2042, 9.7468, 93.3389



15.6222, 8.3220, 51.8217



9.6403, 9.9719, 12.7015



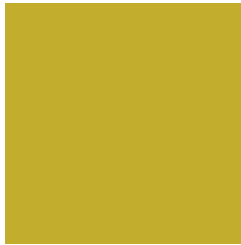
6.7014, 3.1593, 33.8132



0.3273, 0.2120, 1.4736

Previews

White Background



This preview shows how the XYZ color 37.6654, 41.5459, 8.5166 looks on a white background.

Color Contrast Check

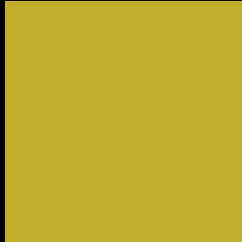
Large Text (above 18pt) WCAG AA × Fail

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 37.6654, 41.5459, 8.5166 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 37.6654, 41.5459, 8.5166

Background



This preview shows how black text looks on a background with the XYZ color 37.6654, 41.5459, 8.5166.



This preview shows how white text looks on a background with the XYZ color 37.6654, 41.5459,

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

37.6654, 41.5459, 8.5166

Protanopia

37.6654, 41.5459, 8.5166

Deuteranopia

42.4451, 41.5244, 8.6836



Tritanopia

45.2867, 41.3831, 45.6453

Trichromacy



Original Color

37.6654, 41.5459, 8.5166

Protanomaly

37.6654, 41.5459, 8.5166

Deuteranomaly

40.6467, 41.4061, 8.6462

Tritanomaly

41.1053, 40.7219, 25.7723

Monochromacy



Original Color

37.6654, 41.5459, 8.5166

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3583, 38.6158, 23.6792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6654, 41.5459, 8.5166 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(194, 173, 45)` looks like.

```
.text, #text, p{  
    color:rgb(194, 173, 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(194, 173, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 173, 45) }
```

Border

The CSS property to change the border of an element to XYZ 37.6654, 41.5459, 8.5166 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(194, 173, 45) }
```


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

```
.border{ border-color:rgb(194, 173, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 173, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 173, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 173, 45);  
box-shadow:4px 4px 4px 4px rgb(194, 173,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6654, 41.5459, 8.5166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 173, 45) }
```

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

```
.background{ background-color: rgb(194,  
173, 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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