

Converting Colors

XYZ(38.5663, 38.2361, 7.6331)

Have a look what the booklet for
XYZ(38.5663, 38.2361, 7.6331)
contains.

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Color

**XYZ(38.5663, 38.2361,
7.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9F2B
RGB	207, 159, 43
RGB Percent	81%, 62%, 17%
CMY	0.1882, 0.3764, 0.8314
CMYK	0.00, 0.23, 0.79, 0.19
HSL	42°, 66%, 49%
HSV	42°, 79%, 81%
XYZ	38.5663, 38.2361, 7.6331
YIQ	160.1280, 65.8440, -25.9000

Conversions

Conversions Part 2

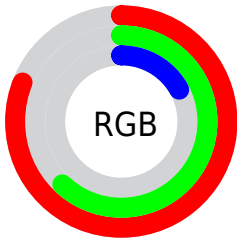
Format	Color
R_{YB}	111, 207, 43
Decimal	13606699
CIE _{Lab}	68.19, 7.26, 62.70
CIE _{LCh}	68, 63.115, 83.398
Yxy	38.2361, 0.4568, 0.4528
Android (android.graphics.Color)	4291796779 (0xFFCF9F2B)
YUV	160.1280, -57.7441, 41.1067
Hunter-Lab	61.8353, 3.1174, 35.9658

Details

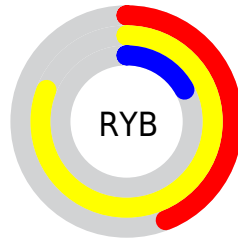
The XYZ color **38.5663, 38.2361, 7.6331** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **15.9997, 12.5004, 60.6006**, and the grayscale version is **33.7105, 35.4661, 38.6226**.

A 20% lighter version of the original color is **67.2389, 69.7303, 21.4707**, and **17.5753, 17.0210, 2.3591** is the 20% darker color. If you saturate the color by 10%, you get **37.2624, 36.0898, 5.7766**, and if you desaturate by 10%, it is **40.1155, 40.5653, 10.5220**.

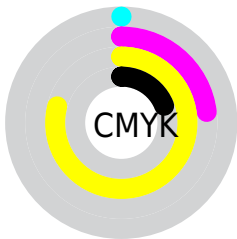
Distribution



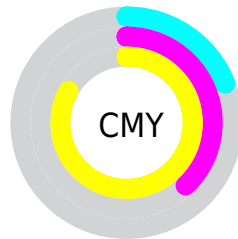
- Red (81%)
- Green (62%)
- Blue (17%)



- Red (44%)
- Yellow (81%)
- Blue (17%)



- Cyan (0%)
- Magenta (23%)
- Yellow (79%)
- Black (19%)





- Cyan (19%)
- Magenta (38%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5663, 38.2361, 7.6331 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 38.5663, 38.2361, 7.6331 by changing the saturation by 10% instead.


 38.5663, 38.2361,
7.6331


 38.5663, 38.2361,
7.6331


331.2821,
338.6317, 182.6510


 26.6017, 26.1660,
3.7767


 72.2736, 72.4699,
21.7701


 17.4094, 16.9479,
1.5037


 94.7471, 95.4023,
32.8879

 10.6239, 10.1973,
0.2206


 121.4542,
122.7243, 47.2631

 5.8800, 5.5300,
0.0000

 152.7603,
154.8203, 65.3144

 2.8122, 2.5615,
0.0000

 189.0308,
192.0746, 87.4603

 1.0552, 0.9073,
0.0000

 230.6310,

 0.0000, 0.0000,

234.8717, 114.1194

0.0000

277.9263,
283.5959, 145.7101

■ 38.5663, 38.2361,
7.6331

■ 38.5663, 38.2361,
7.6331

■ 37.2624, 36.0898,
5.7766

■ 40.1155, 40.5653,
10.5220

■ 36.1573, 34.1020,
4.7227

■ 41.9339, 43.0835,
14.5765

■ 36.0758, 33.9530,
4.6522

■ 44.0447, 45.8025,
19.9119

■ 46.4676, 48.7315,
26.6293

■ 49.2206, 51.8786,
34.8193

■ 52.3201, 55.2514,
44.5650

■ 55.7812, 58.8571,
55.9430

■ 59.6180, 62.7022,
69.0250

■ 63.8441, 66.7933,
83.8784

Harmonies

Analogous

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



48.8611, 38.2361, 11.4839



38.5663, 38.2361, 7.6331



29.3206, 38.2361, 9.0361

Triad

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



38.5663, 38.2361, 7.6331



21.5699, 38.2361, 67.1348



53.7885, 38.2361, 83.1313

Complementary

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



38.5663, 38.2361, 7.6331



15.9997, 12.5004, 60.6006

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.



44.4040, 38.2361, 114.0037



38.5663, 38.2361, 7.6331



26.1683, 38.2361, 102.2143

Square

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



38.5663, 38.2361, 7.6331



20.5733, 38.2361, 35.6958



34.2054, 38.2361, 122.2291



58.6193, 38.2361, 48.1937

Rectangle

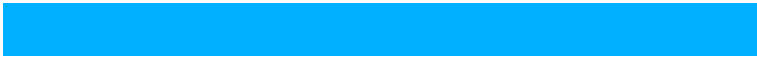
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.5663, 38.2361, 7.6331



24.8094, 38.2361, 13.3278



34.2054, 38.2361, 122.2291



50.9885, 38.2361, 94.8680

Sweetspot

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



38.5672, 38.2380, 7.6338



81.2653, 85.7664, 63.1927



28.5366, 15.7696, 11.7115



17.0189, 17.9456, 12.3573



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.



38.5672, 38.2380, 7.6338



58.4734, 55.6131, 8.0249



40.2490, 53.8214, 10.5531



12.4991, 13.1888, 12.4990



22.8148, 21.5626, 2.9595



1.3424, 1.3392, 0.1877

Inverse Universe

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



15.9997, 12.5004, 60.6006



21.3552, 13.5893, 96.1052



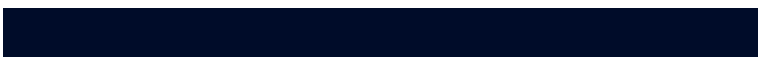
15.0913, 7.7614, 59.7337



11.4416, 11.9734, 14.9517



8.2048, 5.0562, 37.7360



0.5275, 0.4202, 2.1329

Previews

White Background



This preview shows how the XYZ color 38.5663, 38.2361, 7.6331 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 38.5663, 38.2361, 7.6331 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 38.5663, 38.2361, 7.6331

Background



This preview shows how black text looks on a background with the XYZ color 38.5663, 38.2361, 7.6331.



This preview shows how white text looks on a background with the XYZ color 38.5663, 38.2361,

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

38.5663, 38.2361, 7.6331

Protanopia

34.7859, 38.3917, 8.0595

Deuteranopia

38.9574, 38.1834, 7.6024



Tritanopia

44.6666, 38.0140, 38.2410

Trichromacy



Original Color

38.5663, 38.2361, 7.6331

Protanomaly

35.9782, 38.2021, 7.8604

Deuteranomaly

38.6753, 38.0380, 7.5892

Tritanomaly

41.3031, 37.5897, 21.9083

Monochromacy



Original Color

38.5663, 38.2361, 7.6331

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9132, 35.7731, 21.9471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5663, 38.2361, 7.6331 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(207, 159, 43)` looks like.

```
.text, #text, p{  
    color:rgb(207, 159, 43)  
}
```

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(207, 159, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 159, 43) }
```

Border

The CSS property to change the border of an element to XYZ 38.5663, 38.2361, 7.6331 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(207, 159, 43) }
```


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

```
.border{ border-color:rgb(207, 159, 43) }
```

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

Here you see how a box with a 4 pixel rgb(207, 159, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 159, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 159, 43);  
box-shadow:4px 4px 4px 4px rgb(207, 159,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5663, 38.2361, 7.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 159, 43) }
```

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

```
.background{ background-color: rgb(207,  
159, 43) }
```

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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