

Converting Colors

XYZ(35.6230, 37.9285, 8.3133)

Have a look what the booklet for
XYZ(35.6230, 37.9285, 8.3133)
contains.

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Color

**XYZ(35.5681, 37.9791,
8.3618)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A431
RGB	192, 164, 49
RGB Percent	75%, 64%, 19%
CMY	0.2471, 0.3568, 0.8078
CMYK	0.00, 0.15, 0.74, 0.25
HSL	48°, 59%, 47%
HSV	48°, 74%, 75%
XYZ	35.5681, 37.9791, 8.3618
YIQ	159.2620, 53.6030, -29.8290

Conversions

Conversions Part 2

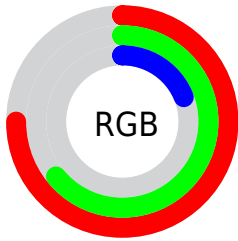
Format	Color
RYB	84, 192, 49
Decimal	12624945
CIELab	68.01, -1.78, 59.83
CIELCh	68, 59.852, 91.705
Yxy	37.9791, 0.4342, 0.4637
Android (android.graphics.Color)	4290815025 (0xFFC0A431)
YUV	159.2620, -54.3592, 28.7112
Hunter-Lab	61.6272, -4.8264, 35.0943

Details

The XYZ color **35.5681, 37.9791, 8.3618** 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 **13.4350, 9.7664, 51.0460**, and the grayscale version is **33.2996, 35.0338, 38.1518**.

A 20% lighter version of the original color is **67.9246, 72.3378, 23.2145**, and **15.8968, 16.9612, 2.4360** is the 20% darker color. If you saturate the color by 10%, you get **34.5835, 36.5262, 6.4427**, and if you desaturate by 10%, it is **36.7469, 39.5444, 11.1976**.

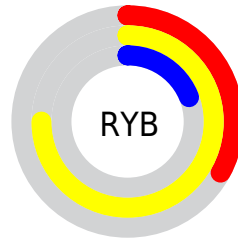
Distribution



Red (75%)

Green (64%)

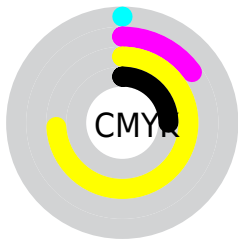
Blue (19%)



Red (33%)

Yellow (75%)

Blue (19%)

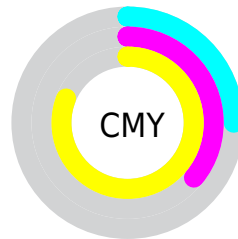


Cyan (0%)

Magenta (15%)

Yellow (74%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5681, 37.9791, 8.3618 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 35.5681, 37.9791, 8.3618 by changing the saturation by 10% instead.


 35.5681, 37.9791,
8.3618


 35.5681, 37.9791,
8.3618


318.5331,
337.5303, 188.5822


 24.2694, 25.9665,
4.2362


 67.6932, 72.0761,
23.2225


 15.6594, 16.7986,
1.7558


 89.2502, 94.9293,
34.7947


 9.3728, 10.0910,
0.3986


 114.9574,
122.1647, 49.6862

 5.0442, 5.4593,
0.0000

 145.1801,
154.1669, 68.3156

 2.3082, 2.5192,
0.0000

 180.2837,
191.3201, 91.1013

 0.7989, 0.8862,
0.0000

 220.6335,

 0.0000, 0.0000,

234.0088, 118.4620

0.0000

266.5948,
282.6174, 150.8161

■ 35.5681, 37.9791,
8.3618

■ 35.5681, 37.9791,
8.3618

■ 34.5835, 36.5262,
6.4427

■ 36.7469, 39.5444,
11.1976

■ 33.7667, 35.1705,
5.3136

■ 38.1368, 41.2249,
15.0508

■ 33.3618, 34.4536,
4.8919

■ 39.7560, 43.0293,
20.0111

■ 41.6196, 44.9641,
26.1578

■ 43.7414, 47.0351,
33.5629

■ 46.1341, 49.2475,
42.2928

■ 48.8097, 51.6065,
52.4090

■ 51.7791, 54.1166,
63.9692

■ 55.0530, 56.7824,
77.0280

Harmonies

Analogous

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



45.2653, 37.9791, 10.6453



35.5681, 37.9791, 8.3618



27.4841, 37.9791, 11.2745

Triad

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



35.5681, 37.9791, 8.3618



22.9101, 37.9791, 74.5696



54.2649, 37.9791, 70.7242

Complementary

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



35.5681, 37.9791, 8.3618



13.4350, 9.7664, 51.0460

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.



46.3463, 37.9791, 102.0984



35.5681, 37.9791, 8.3618



28.2604, 37.9791, 104.9097

Square

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



35.5681, 37.9791, 8.3618



20.9989, 37.9791, 42.8967



36.6331, 37.9791, 116.6758



57.1095, 37.9791, 39.8464

Rectangle

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



35.5681, 37.9791, 8.3618



23.7930, 37.9791, 17.0243



36.6331, 37.9791, 116.6758



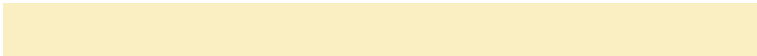
52.0481, 37.9791, 81.9532

Sweetspot

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



35.5690, 37.9809, 8.3626



80.1366, 86.0553, 63.9702



24.1976, 13.9478, 8.5502



16.9503, 18.2333, 12.8577



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5690, 37.9809, 8.3626



61.7496, 64.7021, 10.3010



31.8169, 44.3200, 9.7839



10.7405, 11.4124, 10.6986



22.5040, 23.2938, 3.3101



1.0162, 1.0942, 0.1576

Inverse Universe

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



13.4350, 9.7664, 51.0460



19.9599, 11.6460, 91.5562



15.0168, 8.2730, 50.6744



9.6844, 10.0601, 12.7162



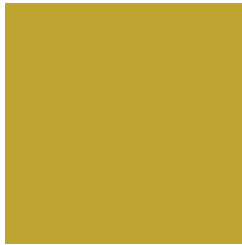
6.9040, 3.5646, 33.8808



0.3471, 0.2515, 1.4801

Previews

White Background



This preview shows how the XYZ color 35.5681, 37.9791, 8.3618 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 35.5681, 37.9791, 8.3618 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 35.5681, 37.9791, 8.3618

Background



This preview shows how black text looks on a background with the XYZ color 35.5681, 37.9791, 8.3618.



This preview shows how white text looks on a background with the XYZ color 35.5681, 37.9791,

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

35.5681, 37.9791, 8.3618

Protanopia

34.4616, 37.9418, 8.5248

Deuteranopia

38.6892, 37.7718, 8.5004



Tritanopia

42.2702, 37.9166, 40.6881

Trichromacy



Original Color

35.5681, 37.9791, 8.3618

Protanomaly

34.7699, 37.8319, 8.4873

Deuteranomaly

37.5255, 37.9372, 8.4768

Tritanomaly

38.9208, 37.5498, 23.9354

Monochromacy



Original Color

35.5681, 37.9791, 8.3618

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8692, 35.4796, 22.5686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5681, 37.9791, 8.3618 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(192, 164, 49)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 49)  
}
```

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(192, 164, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 49) }
```

Border

The CSS property to change the border of an element to XYZ 35.5681, 37.9791, 8.3618 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(192, 164, 49) }
```


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

```
.border{ border-color:rgb(192, 164, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 164, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 49);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5681, 37.9791, 8.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 49) }
```

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

```
.background{ background-color: rgb(192,  
164, 49) }
```

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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