

Converting Colors

XYZ(39.2440, 35.1695, 7.9796)

Have a look what the booklet for
XYZ(39.2440, 35.1695, 7.9796)
contains.

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Color

**XYZ(39.3605, 35.2504,
7.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	D99134
RGB	217, 145, 52
RGB Percent	85%, 57%, 20%
CMY	0.1490, 0.4313, 0.7961
CMYK	0.00, 0.33, 0.76, 0.15
HSL	34°, 68%, 53%
HSV	34°, 76%, 85%
XYZ	39.3605, 35.2504, 7.9783
YIQ	155.9260, 72.7650, -13.6590

Conversions

Conversions Part 2

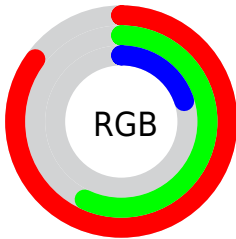
Format	Color
RYB	180, 217, 52
Decimal	14258484
CIELab	65.94, 19.48, 57.59
CIELCh	66, 60.797, 71.309
Yxy	35.2504, 0.4766, 0.4268
Android (android.graphics.Color)	4292448564 (0xFFD99134)
YUV	155.9260, -51.2355, 53.5619
Hunter-Lab	59.3720, 14.4349, 33.5932

Details

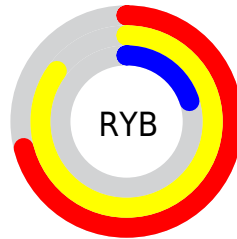
The XYZ color **39.3605, 35.2504, 7.9783** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **21.1479, 20.1543, 68.4208**, and the grayscale version is **31.7664, 33.4208, 36.3952**.

A 20% lighter version of the original color is **64.2132, 63.1268, 22.1649**, and **17.9073, 15.1735, 1.9850** is the 20% darker color. If you saturate the color by 10%, you get **37.5925, 32.3252, 5.5067**, and if you desaturate by 10%, it is **41.4752, 38.5101, 11.6734**.

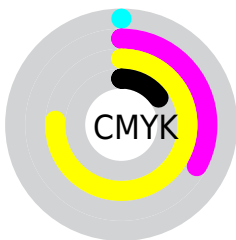
Distribution



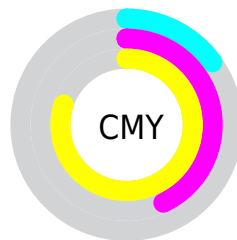
- Red (85%)
- Green (57%)
- Blue (20%)



- Red (71%)
- Yellow (85%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (76%)
- Black (15%)





- Cyan (15%)
- Magenta (43%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3605, 35.2504, 7.9783 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 39.3605, 35.2504, 7.9783 by changing the saturation by 10% instead.

 39.3605, 35.2504,
7.9783


 39.3605, 35.2504,
7.9783


334.6016,
325.6722, 185.4900


 27.2223, 23.8558,
3.9935


 73.4793, 67.8735,
22.4614

 17.8777, 15.2267,
1.6218


 96.1905, 89.8708,
33.7967


 10.9614, 8.9786,
0.3063


 123.1568,
116.1712, 48.4193

 6.1080, 4.7273,
0.0000

 154.7435,
147.1589, 66.7477

 2.9521, 2.0881,
0.0000

 191.3160,
183.2185, 89.2004

 1.1285, 0.6579,
0.0000

 233.2396,

 0.0488, 0.0000,

224.7343, 116.1960

0.0000

280.8797,
272.0908, 148.1530

■ 0.0000, 0.0000,
0.0000

■ 39.3605, 35.2504,
7.9783

■ 39.3605, 35.2504,
7.9783

■ 37.5925, 32.3252,
5.5067

■ 41.4752, 38.5101,
11.6734

■ 36.1319, 29.7099,
4.0773

■ 43.9642, 42.1156,
16.7347

■ 35.6134, 28.7482,
3.6719

■ 46.8546, 46.0835,
23.2868

■ 50.1696, 50.4273,
31.4398

■ 53.9305, 55.1596,
41.2932

■ 58.1570, 60.2924,
52.9383

■ 62.8676, 65.8368,
66.4598

■ 68.0794, 71.8035,
81.9372

■ 73.8089, 78.2028,
99.4451

Harmonies

Analogous

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



48.2534, 35.2504, 14.0848



39.3605, 35.2504, 7.9783



30.2250, 35.2504, 7.4127

Triad

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



39.3605, 35.2504, 7.9783



19.2415, 35.2504, 48.9409



46.2721, 35.2504, 88.9291

Complementary

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



39.3605, 35.2504, 7.9783



21.1479, 20.1543, 68.4208

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.



37.0129, 35.2504, 110.3555



39.3605, 35.2504, 7.9783



22.1163, 35.2504, 81.2610

Square

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



39.3605, 35.2504, 7.9783



19.6426, 35.2504, 24.5916



28.2601, 35.2504, 107.0500



52.7107, 35.2504, 56.5515

Rectangle

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



39.3605, 35.2504, 7.9783



25.2941, 35.2504, 9.7046



28.2601, 35.2504, 107.0500



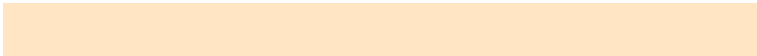
43.3231, 35.2504, 98.1880

Sweetspot

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



39.3613, 35.2522, 7.9790



79.3763, 81.5267, 63.9863



33.6254, 18.7207, 21.6650



16.5358, 16.8911, 12.4682



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.



39.3613, 35.2522, 7.9790



52.9083, 44.3500, 6.5798



51.6563, 63.3922, 12.7625



13.6619, 14.2632, 13.7586



21.6655, 17.6166, 2.2585



1.4888, 1.3117, 0.1747

Inverse Universe

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



21.1479, 20.1543, 68.4208



25.6351, 21.8674, 97.4774



15.6312, 8.4345, 66.4494



12.8038, 13.5473, 16.5922



10.1427, 8.1548, 40.7779



0.7418, 0.6978, 2.6700

Previews

White Background



This preview shows how the XYZ color 39.3605, 35.2504, 7.9783 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 39.3605, 35.2504, 7.9783 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 39.3605, 35.2504, 7.9783

Background



This preview shows how black text looks on a background with the XYZ color 39.3605, 35.2504, 7.9783.



This preview shows how white text looks on a background with the XYZ color 39.3605, 35.2504,

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

39.3605, 35.2504, 7.9783

Protanopia

32.2811, 35.4786, 8.8880

Deuteranopia

36.0330, 35.4217, 7.8437



Tritanopia

44.4239, 35.3716, 31.6801

Trichromacy



Original Color

39.3605, 35.2504, 7.9783

Protanomaly

34.4033, 35.0560, 8.5677

Deuteranomaly

37.2142, 35.3084, 7.8714

Tritanomaly

41.9760, 35.0072, 19.8739

Monochromacy



Original Color

39.3605, 35.2504, 7.9783

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.8583, 33.2295, 21.8216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3605, 35.2504, 7.9783 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(217, 145, 52)` looks like.

```
.text, #text, p{  
    color:rgb(217, 145, 52)  
}
```

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(217, 145, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 145, 52) }
```

Border

The CSS property to change the border of an element to XYZ 39.3605, 35.2504, 7.9783 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(217, 145, 52) }
```


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

```
.border{ border-color:rgb(217, 145, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 145, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 145, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 145, 52);  
box-shadow:4px 4px 4px 4px rgb(217, 145,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3605, 35.2504, 7.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 145, 52) }
```

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

```
.background{ background-color: rgb(217,  
145, 52) }
```

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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