

Converting Colors

XYZ(28.6595, 34.5999, 7.2019)

Have a look what the booklet for
XYZ(28.6595, 34.5999, 7.2019)
contains.

XYZ(28.7384, 34.7449, 7.1992)	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(28.7384, 34.7449,
7.1992)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A528
RGB	162, 165, 40
RGB Percent	64%, 65%, 16%
CMY	0.3647, 0.3529, 0.8431
CMYK	0.02, 0.00, 0.76, 0.35
HSL	61°, 61%, 40%
HSV	61°, 76%, 65%
XYZ	28.7384, 34.7449, 7.1992
YIQ	149.8530, 38.3370, -39.5110

Conversions

Conversions Part 2

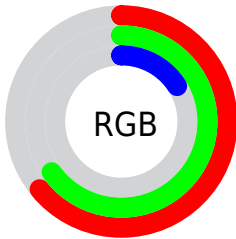
Format	Color
RYB	40, 165, 43
Decimal	10659112
CIELab	65.55, -15.91, 59.73
CIELCh	66, 61.813, 104.920
Yxy	34.7449, 0.4066, 0.4916
Android (android.graphics.Color)	4288849192 (0xFFA2A528)
YUV	149.8530, -54.1575, 10.6529
Hunter-Lab	58.9448, -16.1262, 34.0200

Details

The XYZ color **28.7384, 34.7449, 7.1992** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.5476, 4.7485, 36.0656**, and the grayscale version is **29.1390, 30.6565, 33.3850**.

A 20% lighter version of the original color is **57.2197, 67.2466, 21.0304**, and **11.9685, 14.9361, 2.2521** is the 20% darker color. If you saturate the color by 10%, you get **28.4354, 34.6157, 6.0201**, and if you desaturate by 10%, it is **29.1631, 34.9254, 9.0107**.

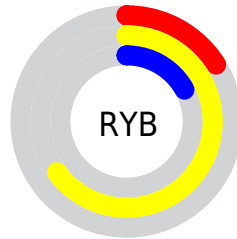
Distribution



Red (64%)

Green (65%)

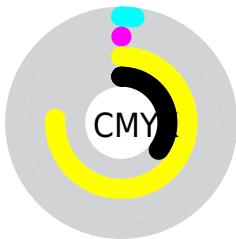
Blue (16%)



Red (16%)

Yellow (65%)

Blue (17%)

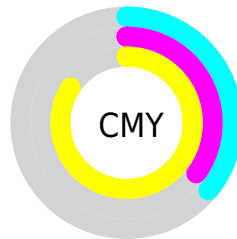


Cyan (2%)

Magenta (0%)

Yellow (76%)

Black (35%)



Cyan (36%)


Magenta (35%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7384, 34.7449, 7.1992 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 28.7384, 34.7449, 7.1992 by changing the saturation by 10% instead.


 28.7384, 34.7449,
7.1992


 28.7384, 34.7449,
7.1992


287.9952,
323.4409, 179.0020


 19.0263, 23.4664,
3.5067


 57.0616, 67.0904,
20.8925

 11.7934, 14.9383,
1.3588


 76.4035, 88.9262,
31.7303

 6.6744, 8.7761,
0.1093


 99.6860, 115.0499,
45.7870

 3.3038, 4.5954,
0.0000

 127.2744,
145.8459, 63.4811

 1.3164, 2.0119,
0.0000

 159.5342,
181.6986, 85.2311

 0.1954, 0.6144,
0.0000

 196.8307,

 0.0000, 0.0000,

222.9925, 111.4556

0.0000

239.5292,
270.1117, 142.5730

■ 28.7384, 34.7449,
7.1992

■ 28.7384, 34.7449,
7.1992

■ 28.4354, 34.6157,
6.0201

■ 29.1631, 34.9254,
9.0107

■ 28.2338, 34.5258,
5.3772

■ 29.7206, 35.1578,
11.5240

■ 28.1615, 34.4929,
5.1735

■ 30.4236, 35.4483,
14.8017

■ 31.2824, 35.8013,
18.8990

■ 32.3067, 36.2204,
23.8659

■ 33.5051, 36.7093,
29.7486

■ 34.8857, 37.2710,
36.5898

■ 36.4563, 37.9088,
44.4296

■ 38.2239, 38.6254,
53.3058

Harmonies

Analogous

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



37.7672, 34.7449, 7.2112



28.7384, 34.7449, 7.1992



22.1863, 34.7449, 12.3577

Triad

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



28.7384, 34.7449, 7.1992



22.1599, 34.7449, 85.1322



52.8641, 34.7449, 52.3540

Complementary

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



28.7384, 34.7449, 7.1992



8.5476, 4.7485, 36.0656

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.



46.9168, 34.7449, 85.3019



28.7384, 34.7449, 7.1992



28.6955, 34.7449, 109.3531

Square

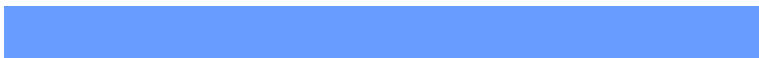
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.7384, 34.7449, 7.1992



18.8879, 34.7449, 52.1867



37.7158, 34.7449, 109.4265



52.8814, 34.7449, 26.3841

Rectangle

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



28.7384, 34.7449, 7.1992



19.6243, 34.7449, 20.3778



37.7158, 34.7449, 109.4265



51.4501, 34.7449, 63.1675

Sweetspot

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



28.7392, 34.7465, 7.1999



58.3278, 65.0571, 45.0489



16.7322, 9.8152, 3.0205



12.6006, 14.1611, 9.1112



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.7392, 34.7465, 7.1999



50.6571, 61.8727, 9.9013



19.1413, 29.7986, 6.7507



7.6325, 8.2286, 7.5661



21.3095, 26.0959, 3.9139



0.4526, 0.5509, 0.0825

Inverse Universe

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



8.5476, 4.7485, 36.0656



12.7766, 5.5342, 64.1471



13.3283, 7.2130, 36.2894



6.7155, 6.8677, 8.8747



5.1816, 2.0777, 27.0577



0.1133, 0.0460, 0.5688

Previews

White Background



This preview shows how the XYZ color 28.7384, 34.7449, 7.1992 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 28.7384, 34.7449, 7.1992 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 28.7384, 34.7449, 7.1992

Background



This preview shows how black text looks on a background with the XYZ color 28.7384, 34.7449, 7.1992.



This preview shows how white text looks on a background with the XYZ color 28.7384, 34.7449,

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

28.7384, 34.7449, 7.1992

Protanopia

31.3548, 34.5265, 6.9312

Deuteranopia

35.3792, 34.6098, 7.4005



Tritanopia

35.6721, 34.7486, 40.9034

Trichromacy



Original Color

28.7384, 34.7449, 7.1992

Protanomaly

30.3447, 34.5205, 6.9832

Deuteranomaly

32.5928, 34.3979, 7.3045

Tritanomaly

31.9792, 34.2448, 22.6937

Monochromacy



Original Color

28.7384, 34.7449, 7.1992

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8622, 31.4385, 19.3516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7384, 34.7449, 7.1992 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(162, 165, 40)` looks like.

```
.text, #text, p{  
    color:rgb(162, 165, 40)  
}
```

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(162, 165, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 165, 40) }
```

Border

The CSS property to change the border of an element to XYZ 28.7384, 34.7449, 7.1992 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(162, 165, 40) }
```


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

```
.border{ border-color:rgb(162, 165, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 165, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 165, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 165, 40);  
box-shadow:4px 4px 4px 4px rgb(162, 165,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7384, 34.7449, 7.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 165, 40) }
```

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

```
.background{ background-color: rgb(162,  
165, 40) }
```

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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