

Converting Colors

XYZ(39.6797, 34.0473, 21.4906)

Have a look what the booklet for
XYZ(39.6797, 34.0473, 21.4906)
contains.

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Color

**XYZ(39.7995, 34.0612,
21.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	D48C76
RGB	212, 140, 118
RGB Percent	83%, 55%, 46%
CMY	0.1686, 0.4510, 0.5372
CMYK	0.00, 0.34, 0.44, 0.17
HSL	14°, 52%, 65%
HSV	14°, 44%, 83%
XYZ	39.7995, 34.0612, 21.6164
YIQ	159.0200, 49.9740, 8.4220

Conversions

Conversions Part 2

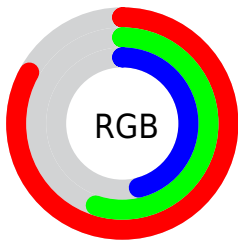
Format	Color
RYB	212, 147, 118
Decimal	13929590
CIELab	65.01, 24.88, 23.00
CIElCh	65, 33.884, 42.751
Yxy	34.0612, 0.4168, 0.3567
Android (android.graphics.Color)	4292119670 (0xFFD48C76)
YUV	159.0200, -20.2229, 46.4635
Hunter-Lab	58.3620, 19.5933, 18.8933

Details

The XYZ color **39.7995, 34.0612, 21.6164** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7676, 45.4302, 69.0657**, and the grayscale version is **33.0381, 34.7587, 37.8522**.

A 20% lighter version of the original color is **67.7875, 62.7459, 46.5686**, and **18.1641, 14.5430, 7.4799** is the 20% darker color. If you saturate the color by 10%, you get **36.4784, 29.2137, 14.9770**, and if you desaturate by 10%, it is **43.7556, 39.7255, 29.8649**.

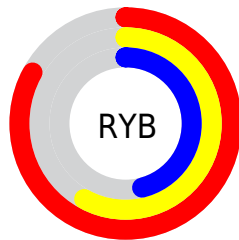
Distribution



Red (83%)

Green (55%)

Blue (46%)



Red (83%)

Yellow (58%)

Blue (46%)

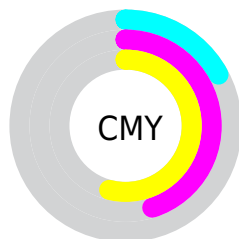


Cyan (0%)

Magenta (34%)

Yellow (44%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7995, 34.0612, 21.6164 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 39.7995, 34.0612, 21.6164 by changing the saturation by 10% instead.


 39.7995, 34.0612,
21.6164


 39.7995, 34.0612,
21.6164

336.4267,
320.4049, 273.4243

 27.5658, 22.9406,
13.3797


 74.1444, 66.0288,
47.0052

 18.1374, 14.5497,
7.5567


 96.9862, 87.6447,
64.9944

 11.1489, 8.5039,
3.7290


 124.0949,
113.5277, 87.0714

 6.2351, 4.4191,
1.4779

155.8356,
144.0624, 113.6550

 3.0306, 1.9106,
0.2014

192.5738,
179.6330, 145.1635

 1.1700, 0.5548,
0.0000

234.6748,

 0.0825, 0.0000,

220.6240, 182.0155

0.0000

282.5040,
267.4199, 224.6296

■ 0.0000, 0.0000,
0.0000

■ 39.7995, 34.0612,
21.6164

■ 39.7995, 34.0612,
21.6164

■ 36.4784, 29.2137,
14.9770

■ 43.7556, 39.7255,
29.8649

■ 33.7553, 25.1398,
9.8384

■ 48.3758, 46.2373,
39.8171

■ 31.5929, 21.7997,
6.0823


■ 53.6906, 53.6317,
51.5624


■ 29.9486, 19.1478,
3.5711


■ 59.7277, 61.9403,
65.1836


■ 28.7724, 17.1330,
2.1384

■ 66.5133, 71.1933,
80.7580

 28.2761, 16.2465,
1.6456

 74.0722, 81.4191,
98.3589

 80.5374, 91.8892,
108.0993

 80.9614, 92.7370,
108.2407

Harmonies

Analogous

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



42.4637, 34.0612, 31.4427



39.7995, 34.0612, 21.6164



35.2499, 34.0612, 16.8205

Triad

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



39.7995, 34.0612, 21.6164



24.1818, 34.0612, 29.6453



34.4992, 34.0612, 70.1326

Complementary

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



39.7995, 34.0612, 21.6164



37.7676, 45.4302, 69.0657

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.



29.6592, 34.0612, 69.2975



39.7995, 34.0612, 21.6164



24.0246, 34.0612, 43.3690

Square

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



39.7995, 34.0612, 21.6164



26.3888, 34.0612, 20.5881



25.9350, 34.0612, 58.5918



39.2023, 34.0612, 60.6470

Rectangle

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



39.7995, 34.0612, 21.6164



31.9239, 34.0612, 16.1319



25.9350, 34.0612, 58.5918



32.8286, 34.0612, 71.1074

Sweetspot

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



39.8004, 34.0629, 21.6171



82.5931, 82.9027, 80.6506



42.9315, 30.6749, 52.4117



17.2666, 17.1750, 16.3426



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.



39.8004, 34.0629, 21.6171



55.7663, 44.9028, 23.4495



48.1777, 50.8176, 24.4095



12.6569, 12.8879, 12.9812



17.5205, 10.1583, 1.0373



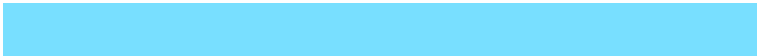
1.1211, 0.7415, 0.0840

Inverse Universe

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



37.7676, 45.4302, 69.0657



52.2596, 64.1717, 104.2397



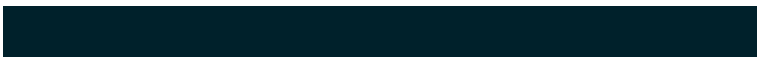
29.1877, 28.2704, 66.2057



12.5343, 13.5921, 15.9004



15.4333, 19.1284, 41.3319



0.9920, 1.2760, 2.5133

Previews

White Background



This preview shows how the XYZ color 39.7995, 34.0612, 21.6164 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 39.7995, 34.0612, 21.6164 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 39.7995, 34.0612, 21.6164

Background



This preview shows how black text looks on a background with the XYZ color 39.7995, 34.0612, 21.6164.



This preview shows how white text looks on a background with the XYZ color 39.7995, 34.0612,

21.6164.

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

39.7995, 34.0612, 21.6164

Protanopia

32.1412, 34.2849, 24.6623

Deuteranopia

34.8741, 34.2822, 21.3021



Tritanopia

41.7240, 33.9798, 31.5538

Trichromacy



Original Color

39.7995, 34.0612, 21.6164

Protanomaly

34.4089, 33.7536, 23.4404

Deuteranomaly

36.5657, 34.1999, 21.5036

Tritanomaly

40.8302, 33.8150, 27.6675

Monochromacy



Original Color

39.7995, 34.0612, 21.6164

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.6224, 33.9351, 31.1109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7995, 34.0612, 21.6164 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(212, 140, 118)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 118)  
}
```

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(212, 140, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 118) }
```

Border

The CSS property to change the border of an element to XYZ 39.7995, 34.0612, 21.6164 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(212, 140, 118) }
```


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

```
.border{ border-color:rgb(212, 140, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 118);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7995, 34.0612, 21.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 118) }
```

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

```
.background{ background-color: rgb(212,  
140, 118) }
```

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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