

Converting Colors

XYZ(40.1708, 35.3622, 21.4153)

Have a look what the booklet for
XYZ(40.1708, 35.3622, 21.4153)
contains.

XYZ(40.2003, 35.3840, 21.5406)	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(40.2003, 35.3840,
21.5406)**

Conversions

Conversions Part 1

Format	Color
Hex	D39175
RGB	211, 145, 117
RGB Percent	83%, 57%, 46%
CMY	0.1725, 0.4314, 0.5412
CMYK	0.00, 0.31, 0.45, 0.17
HSL	18°, 52%, 64%
HSV	18°, 45%, 83%
XYZ	40.2003, 35.3840, 21.5406
YIQ	161.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

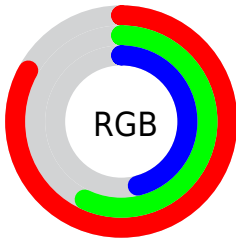
Format	Color
R _{YB}	211, 157, 117
Decimal	13865333
CIE Lab	66.05, 21.67, 24.92
CIE LCh	66, 33.026, 48.994
Yxy	35.3840, 0.4139, 0.3643
Android (android.graphics.Color)	4292055413 (0xFFD39175)
YUV	161.5420, -21.9592, 43.3747
Hunter-Lab	59.4845, 16.5346, 20.1689

Details

The XYZ color **40.2003, 35.3840, 21.5406** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.0268, 42.3505, 67.9038**, and the grayscale version is **34.2128, 35.9945, 39.1981**.

A 20% lighter version of the original color is **68.8249, 64.9714, 46.4494**, and **18.3725, 15.2928, 7.4523** is the 20% darker color. If you saturate the color by 10%, you get **36.9789, 30.7079, 15.0207**, and if you desaturate by 10%, it is **43.9983, 40.7658, 29.6328**.

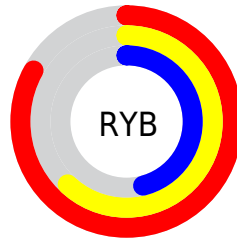
Distribution



Red (83%)

Green (57%)

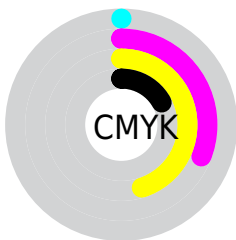
Blue (46%)



Red (83%)

Yellow (62%)

Blue (46%)

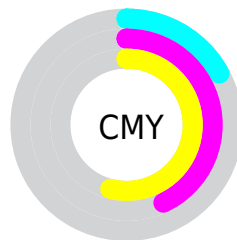


Cyan (0%)

Magenta (31%)

Yellow (45%)

Black (17%)



Cyan (17%)

Magenta (43%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2003, 35.3840, 21.5406 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 40.2003, 35.3840, 21.5406 by changing the saturation by 10% instead.


 40.2003, 35.3840,
21.5406


 40.2003, 35.3840,
21.5406

338.0870,
326.2601, 273.0125

 27.8797, 23.9588,
13.3247


 74.7508, 68.0802,
46.8779

 18.3750, 15.3031,
7.5191


 97.7114, 90.1201,
64.8364

 11.3208, 9.0324,
3.7055


 124.9494,
116.4669, 86.8795

 6.3519, 4.7623,
1.4652

156.8301,
147.5051, 113.4256

 3.1029, 2.1085,
0.1918

193.7188,
183.6192, 144.8935

 1.2084, 0.6694,
0.0000

235.9810,

 0.1130, 0.0000,

225.1934, 181.7016

0.0000

283.9819,
272.6122, 224.2684

■ 0.0000, 0.0000,
0.0000

■ 40.2003, 35.3840,
21.5406

■ 40.2003, 35.3840,
21.5406

■ 36.9789, 30.7079,
15.0207

■ 43.9983, 40.7658,
29.6328

■ 34.3011, 26.7019,
9.9671

■ 48.3982, 46.8764,
39.3897

■ 32.1343, 23.3353,
6.2638


■ 53.4269, 53.7443,
50.8989


■ 30.4408, 20.5722,
3.7761

■ 59.1089, 61.3948,
64.2412


■ 29.1765, 18.3726,
2.3405

■ 65.4672, 69.8519,
79.4923

 28.6338, 17.3886,
1.8472

 72.5238, 79.1387,
96.7238

 78.6979, 88.6366,
107.5685

 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



43.3505, 35.3840, 30.3951



40.2003, 35.3840, 21.5406



35.4625, 35.3840, 17.6456

Triad

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



40.2003, 35.3840, 21.5406



25.2044, 35.3840, 33.6016



36.7922, 35.3840, 70.0897

Complementary

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



40.2003, 35.3840, 21.5406



36.0268, 42.3505, 67.9038

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.



31.8645, 35.3840, 71.5495



40.2003, 35.3840, 21.5406



25.4858, 35.3840, 47.9940

Square

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



40.2003, 35.3840, 21.5406



27.0104, 35.3840, 23.3953



27.8202, 35.3840, 62.6892



41.2547, 35.3840, 59.0836

Rectangle

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



40.2003, 35.3840, 21.5406



32.1799, 35.3840, 17.5480



27.8202, 35.3840, 62.6892



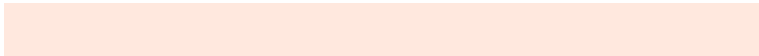
35.1260, 35.3840, 71.7985

Sweetspot

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



40.2012, 35.3857, 21.5413



83.1843, 84.0850, 80.8476



41.9157, 30.0479, 49.1400



17.4111, 17.4641, 16.3908



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.



40.2012, 35.3857, 21.5413



57.2116, 47.7935, 23.9313



48.6260, 52.2353, 24.3496



12.0917, 12.3741, 12.3632



17.3590, 10.6510, 1.1409



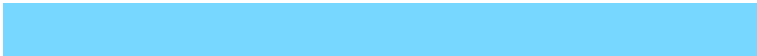
1.0399, 0.7340, 0.0869

Inverse Universe

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



36.0268, 42.3505, 67.9038



50.0082, 59.6689, 103.4893



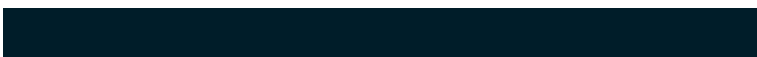
28.0922, 26.4812, 65.2589



11.8486, 12.7875, 15.0874



13.5932, 15.8329, 39.5321



0.8275, 1.0201, 2.2329

Previews

White Background



This preview shows how the XYZ color 40.2003, 35.3840, 21.5406 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 40.2003, 35.3840, 21.5406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

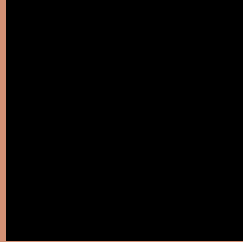
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2003, 35.3840, 21.5406

Background



This preview shows how black text looks on a background with the XYZ color 40.2003, 35.3840, 21.5406.



This preview shows how white text looks on a background with the XYZ color 40.2003, 35.3840,

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

40.2003, 35.3840, 21.5406

Protanopia

33.3962, 35.7156, 24.2024

Deuteranopia

36.1360, 35.4254, 21.1529



Tritanopia

42.6956, 35.2867, 33.8389

Trichromacy



Original Color

40.2003, 35.3840, 21.5406

Protanomaly

35.4222, 35.2623, 23.0285

Deuteranomaly

37.5077, 35.3999, 21.3790

Tritanomaly

41.7738, 35.3562, 29.0488

Monochromacy



Original Color

40.2003, 35.3840, 21.5406

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.8992, 35.5556, 32.1649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2003, 35.3840, 21.5406 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(211, 145, 117)` looks like.

```
.text, #text, p{  
    color:rgb(211, 145, 117)  
}
```

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(211, 145, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 145, 117) }
```

Border

The CSS property to change the border of an element to XYZ 40.2003, 35.3840, 21.5406 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(211, 145, 117) }
```


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

```
.border{ border-color:rgb(211, 145, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 145, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 145, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 145, 117); box-shadow:4px 4px 4px 4px rgb(211, 145, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2003, 35.3840, 21.5406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 145, 117) }
```

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

```
.background{ background-color: rgb(211,  
145, 117) }
```

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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