

Converting Colors

XYZ(35.3700, 40.6832, 21.9872)

Have a look what the booklet for
XYZ(35.3700, 40.6832, 21.9872)
contains.

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Color

**XYZ(35.3805, 40.6455,
21.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAF72
RGB	172, 175, 114
RGB Percent	67%, 69%, 45%
CMY	0.3255, 0.3137, 0.5529
CMYK	0.02, 0.00, 0.35, 0.31
HSL	63°, 28%, 57%
HSV	63°, 35%, 69%
XYZ	35.3805, 40.6455, 21.9002
YIQ	167.1490, 17.7930, -19.6070

Conversions

Conversions Part 2

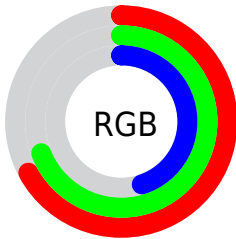
Format	Color
RYB	114, 175, 117
Decimal	11317106
CIELab	69.93, -10.70, 30.97
CIELCh	70, 32.764, 109.057
Yxy	40.6455, 0.3613, 0.4151
Android (android.graphics.Color)	4289507186 (0xFFACAF72)
YUV	167.1490, -26.2025, 4.2543
Hunter-Lab	63.7538, -12.5097, 24.2609

Details

The XYZ color **35.3805, 40.6455, 21.9002** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.0928, 18.9127, 43.0986**, and the grayscale version is **36.9218, 38.8446, 42.3017**.

A 20% lighter version of the original color is **67.2668, 75.8776, 47.6597**, and **15.6448, 18.4695, 7.7414** is the 20% darker color. If you saturate the color by 10%, you get **34.2901, 40.1890, 17.1377**, and if you desaturate by 10%, it is **36.6648, 41.1826, 27.6682**.

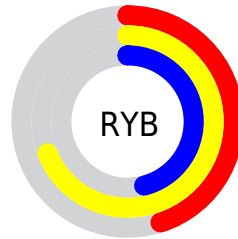
Distribution



Red (67%)

Green (69%)

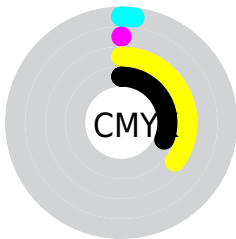
Blue (45%)



Red (45%)

Yellow (69%)

Blue (46%)

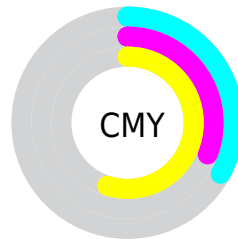


Cyan (2%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3805, 40.6455, 21.9002 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 35.3805, 40.6455, 21.9002 by changing the saturation by 10% instead.

■ 35.3805, 40.6455,
21.9002

■ 35.3805, 40.6455,
21.9002

317.7233,
348.8368, 274.9611

■ 24.1240, 28.0422,
13.5860

■ 67.4050, 76.1455,
47.4811

■ 15.5509, 18.3575,
7.6978

■ 88.9036, 99.8109,
65.5848

■ 9.2957, 11.2069,
3.8172

■ 114.5471,
127.9325, 87.7887

■ 4.9932, 6.2062,
1.5256

144.7006,
160.8947, 114.5115

■ 2.2780, 2.9709,
0.2369

179.7297,
199.0818, 146.1716

■ 0.7834, 1.1165,
0.0000

219.9996,

■ 0.0000, 0.0000,

242.8782, 183.1875

0.0000

265.8757,
292.6685, 225.9778

■ 35.3805, 40.6455,
21.9002

■ 35.3805, 40.6455,
21.9002

■ 34.2901, 40.1890,
17.1377

■ 36.6648, 41.1826,
27.6682

■ 33.3795, 39.8031,
13.3208

■ 38.1500, 41.7987,
34.4922

■ 32.6380, 39.4850,
10.3871

■ 39.8464, 42.4995,
42.4220

■ 32.0518, 39.2292,
8.2656

■ 41.7628, 43.2884,
51.5038

■ 31.6056, 39.0295,
6.8745

■ 43.9075, 44.1688,
61.7810

■ 31.2804, 38.8783,
6.1140

■ 46.2882, 45.1437,
73.2949

■ 31.1377, 38.8104,
5.8500

■ 48.9124, 46.2162,
86.0848

■ 51.7873, 47.3891,
100.1880

■ 52.1468, 47.5559,
101.0385

Harmonies

Analogous

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



40.6113, 40.6455, 21.2342



35.3805, 40.6455, 21.9002



31.3939, 40.6455, 27.6687

Triad

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



35.3805, 40.6455, 21.9002



32.2958, 40.6455, 70.3467



49.5979, 40.6455, 50.0669

Complementary

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



35.3805, 40.6455, 21.9002



21.0928, 18.9127, 43.0986

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.



46.9057, 40.6455, 66.4203



35.3805, 40.6455, 21.9002



36.7187, 40.6455, 79.7970

Square

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



35.3805, 40.6455, 21.9002



29.7295, 40.6455, 54.5522



42.0775, 40.6455, 78.2144



49.1557, 40.6455, 35.3444

Rectangle

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



35.3805, 40.6455, 21.9002



29.8265, 40.6455, 34.5688



42.0775, 40.6455, 78.2144



49.0203, 40.6455, 55.6024

Sweetspot

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



35.3815, 40.6473, 21.9011



69.6966, 75.4244, 68.1722



26.9670, 22.8283, 18.9051



15.3990, 16.7259, 14.7236



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.3815, 40.6473, 21.9011



61.7976, 72.1367, 32.3643



29.6043, 37.6691, 21.6307



8.6231, 9.3098, 8.5559



22.3130, 27.7998, 4.1899



0.6323, 0.7793, 0.1171

Inverse Universe

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



21.0928, 18.9127, 43.0986



32.2658, 27.2074, 76.1878



25.7055, 21.2907, 43.3145



7.6140, 7.7753, 10.0522



5.6341, 2.2643, 29.1846



0.1683, 0.0690, 0.8124

Previews

White Background



This preview shows how the XYZ color 35.3805, 40.6455, 21.9002 looks on a white background.

Color Contrast Check

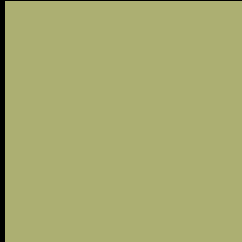
Large Text (above 18pt) WCAG AA × Fail

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 35.3805, 40.6455, 21.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

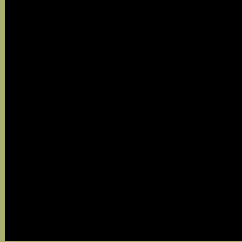
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3805, 40.6455, 21.9002

Background



This preview shows how black text looks on a background with the XYZ color 35.3805, 40.6455, 21.9002.



This preview shows how white text looks on a background with the XYZ color 35.3805, 40.6455,

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

35.3805, 40.6455, 21.9002

Protanopia

37.4951, 40.6100, 21.1915

Deuteranopia

41.2099, 40.3161, 22.4394



Tritanopia

40.8793, 40.6360, 48.8690

Trichromacy



Original Color

35.3805, 40.6455, 21.9002

Protanomaly

36.5556, 40.4006, 21.4942

Deuteranomaly

38.7093, 40.1049, 22.2238

Tritanomaly

38.5069, 40.4969, 37.2396

Monochromacy



Original Color

35.3805, 40.6455, 21.9002

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0822, 39.3226, 33.7053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3805, 40.6455, 21.9002 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(172, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 114)  
}
```

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(172, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 114) }
```

Border

The CSS property to change the border of an element to XYZ 35.3805, 40.6455, 21.9002 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(172, 175, 114) }
```


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

```
.border{ border-color:rgb(172, 175, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3805, 40.6455, 21.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 175, 114) }
```

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

```
.background{ background-color: rgb(172,  
175, 114) }
```

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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