

Converting Colors

XYZ(36.0496, 40.7716, 41.7540)

Have a look what the booklet for
XYZ(36.0496, 40.7716, 41.7540)
contains.

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Color

**XYZ(36.0272, 40.8352,
41.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB0A5
RGB	156, 176, 165
RGB Percent	61%, 69%, 65%
CMY	0.3882, 0.3098, 0.3529
CMYK	0.11, 0.00, 0.06, 0.31
HSL	147°, 11%, 65%
HSV	147°, 11%, 69%
XYZ	36.0272, 40.8352, 41.5805
YIQ	168.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

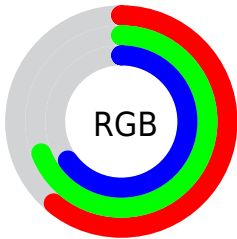
Format	Color
R _Y B	156, 170, 176
Decimal	10268837
CIE Lab	70.06, -9.10, 3.28
CIE LCh	70, 9.668, 160.181
Yxy	40.8352, 0.3042, 0.3448
Android (android.graphics.Color)	4288458917 (0xFF9CB0A5)
YUV	168.7660, -1.8566, -11.1958
Hunter-Lab	63.9024, -11.1937, 6.1524

Details

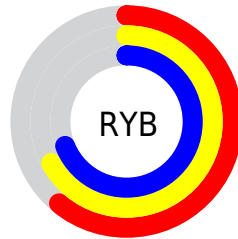
The XYZ color **36.0272, 40.8352, 41.5805** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7695, 35.7982, 41.5329**, and the grayscale version is **37.6093, 39.5679, 43.0894**.

A 20% lighter version of the original color is **68.6388, 76.7294, 78.9028**, and **15.8893, 18.3614, 18.3294** is the 20% darker color. If you saturate the color by 10%, you get **32.0171, 38.8671, 36.9661**, and if you desaturate by 10%, it is **40.5998, 43.0879, 46.5712**.

Distribution



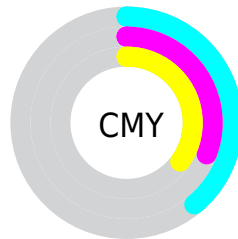
- Red (61%)
- Green (69%)
- Blue (65%)



- Red (61%)
- Yellow (67%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (39%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0272, 40.8352, 41.5805 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 36.0272, 40.8352, 41.5805 by changing the saturation by 10% instead.

■ 36.0272, 40.8352,
41.5805

■ 36.0272, 40.8352,
41.5805

320.5086,
349.6314, 368.4892

■ 24.6254, 28.1903,
28.4498

■ 68.3976, 76.4337,
78.8276

■ 15.9254, 18.4692,
18.4230

■ 90.0970, 100.1560,
103.7810

■ 9.5619, 11.2874,
11.0816

115.9596,
128.3397, 133.5125

■ 5.1695, 6.2605,
6.0069

146.3508,
161.3691, 168.4406

■ 2.3828, 3.0041,
2.7804

181.6359,
199.6285, 208.9837

■ 0.8365, 1.1339,
0.9836

222.1804,

■ 0.0000, 0.0067,

243.5025, 255.5605

0.0000

268.3495,
293.3753, 308.5895

■ 0.0000, 0.0000,
0.0000

■ 36.0272, 40.8352,
41.5805

■ 36.0272, 40.8352,
41.5805

■ 32.0171, 38.8671,
36.9661

■ 40.5998, 43.0879,
46.5712

■ 28.5436, 37.1669,
32.7166

■ 45.7528, 45.6308,
51.9438

■ 25.5836, 35.7240,
28.8238

■ 51.5075, 48.4758,
57.7075

■ 23.1109, 34.5252,
25.2783

■ 57.8829, 51.6327,
63.8701

■ 21.0971, 33.5560,
22.0701

■ 64.8976, 55.1107,
70.4393

■ 19.5106, 32.8002,
19.1890

■ 70.0974, 57.6447,
77.3068

■ 18.3154, 32.2396,
16.6238

■ 71.4412, 58.1823,
84.3836

■ 17.4693, 31.8526,
14.3629

■ 72.8610, 58.7502,
91.8599

■ 16.9444, 31.6195,
12.6439

■ 74.3578, 59.3489,
99.7419

Harmonies

Analogous

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



36.8874, 40.8352, 38.1477



36.0272, 40.8352, 41.5805



35.9018, 40.8352, 46.0165

Triad

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



36.0272, 40.8352, 41.5805



39.3515, 40.8352, 53.5769



41.1776, 40.8352, 39.0877

Complementary

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



36.0272, 40.8352, 41.5805



36.7695, 35.7982, 41.5329

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.



41.8767, 40.8352, 42.9441



36.0272, 40.8352, 41.5805



40.8037, 40.8352, 51.4386

Square

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



36.0272, 40.8352, 41.5805



37.7928, 40.8352, 53.1501



41.7381, 40.8352, 47.4749



39.8507, 40.8352, 36.7774

Rectangle

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



36.0272, 40.8352, 41.5805



36.2480, 40.8352, 48.9764



41.7381, 40.8352, 47.4749



41.4954, 40.8352, 40.2350

Sweetspot

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



36.0283, 40.8369, 41.5814



72.1589, 77.4178, 82.8851



37.5344, 41.7047, 37.5247



15.4898, 16.7047, 17.8030



84.5950, 89.0005, 96.9216



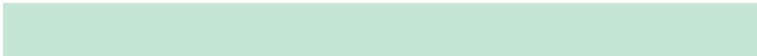
16.2198, 17.0645, 18.5832

Same Dimension

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



36.0283, 40.8369, 41.5814



63.1426, 72.9808, 72.9315



36.9422, 41.2025, 46.3937



8.5426, 9.5515, 9.8510



12.4605, 23.2102, 9.4277



0.4216, 0.7421, 0.4522

Inverse Universe

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



36.7695, 35.7982, 41.5329



64.7946, 61.7497, 72.8230



35.9085, 35.4538, 36.9991



8.6854, 8.5809, 9.8417



14.7433, 7.4149, 9.0743



0.4928, 0.2449, 0.4377

Previews

White Background



This preview shows how the XYZ color 36.0272, 40.8352, 41.5805 looks on a white background.

Color Contrast Check

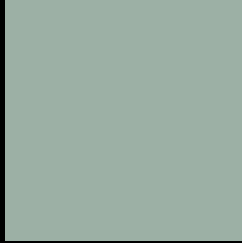
Large Text (above 18pt) WCAG AA × Fail

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 36.0272, 40.8352, 41.5805 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 36.0272, 40.8352, 41.5805

Background



This preview shows how black text looks on a background with the XYZ color 36.0272, 40.8352, 41.5805.



This preview shows how white text looks on a background with the XYZ color 36.0272, 40.8352,

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

36.0272, 40.8352, 41.5805

Protanopia

38.8008, 40.5882, 39.9717

Deuteranopia

41.4165, 40.5191, 42.1973



Tritanopia

38.4104, 40.9486, 52.8931

Trichromacy



Original Color

36.0272, 40.8352, 41.5805

Protanomaly

37.7256, 40.5844, 40.4956

Deuteranomaly

39.2024, 40.4762, 41.8229

Tritanomaly

37.5708, 40.8977, 48.5617

Monochromacy



Original Color

36.0272, 40.8352, 41.5805

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.1302, 40.2247, 42.8530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0272, 40.8352, 41.5805 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(156, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(156, 176, 165)  
}
```

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(156, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 165) }
```

Border

The CSS property to change the border of an element to XYZ 36.0272, 40.8352, 41.5805 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(156, 176, 165) }
```


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

```
.border{ border-color:rgb(156, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0272, 40.8352, 41.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 165) }
```

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

```
.background{ background-color: rgb(156,  
176, 165) }
```

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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