

Converting Colors

XYZ(40.6163, 43.8539, 45.2754)

Have a look what the booklet for
XYZ(40.6163, 43.8539, 45.2754)
contains.

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Color

**XYZ(40.6004, 43.7036,
45.3255)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB2AC
RGB	173, 178, 172
RGB Percent	68%, 70%, 67%
CMY	0.3216, 0.3019, 0.3255
CMYK	0.03, 0.00, 0.03, 0.30
HSL	110°, 4%, 69%
HSV	110°, 3%, 70%
XYZ	40.6004, 43.7036, 45.3255
YIQ	175.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

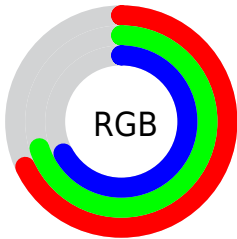
Format	Color
RYB	172, 178, 177
Decimal	11383468
CIELab	72.03, -2.88, 2.44
CIELCh	72, 3.776, 139.699
Yxy	43.7036, 0.3132, 0.3371
Android (android.graphics.Color)	4289573548 (0xFFADB2AC)
YUV	175.8210, -1.8838, -2.4740
Hunter-Lab	66.1087, -6.0651, 5.6256

Details

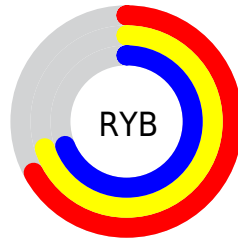
The XYZ color **40.6004, 43.7036, 45.3255** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9215, 42.0677, 48.0848**, and the grayscale version is **41.1845, 43.3293, 47.1857**.

A 20% lighter version of the original color is **75.2829, 80.8857, 84.3177**, and **18.6089, 20.0882, 20.6659** is the 20% darker color. If you saturate the color by 10%, you get **35.9040, 41.4682, 36.7715**, and if you desaturate by 10%, it is **45.8926, 46.2221, 55.1046**.

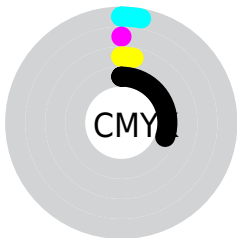
Distribution



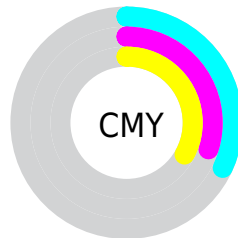
- Red (68%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6004, 43.7036, 45.3255 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 40.6004, 43.7036, 45.3255 by changing the saturation by 10% instead.

■ 40.6004, 43.7036,
45.3255

■ 40.6004, 43.7036,
45.3255

339.7389,
361.4974, 384.2887

■ 28.1933, 30.4376,
31.3691

■ 75.3555, 80.7715,
84.5323

■ 18.6126, 20.1709,
20.6192

98.4341, 105.3422,
110.6197

■ 11.4930, 12.5194,
12.6574

125.8006,
134.4499, 141.5878

■ 6.4692, 7.0984,
7.0651

157.8204,
168.4791, 177.8553

■ 3.1758, 3.5237,
3.4238

194.8587,
207.8140, 219.8406

■ 1.2474, 1.4109,
1.3149

237.2810,

■ 0.1433, 0.2247,

252.8390, 267.9622

0.0739

285.4526,
303.9387, 322.6388

0.0000, 0.0000,
0.0000

40.6004, 43.7036,
45.3255

40.6004, 43.7036,
45.3255

35.9040, 41.4682,
36.7715

45.8926, 46.2221,
55.1046

31.7787, 39.5007,
29.3915

51.7968, 49.0275,
66.1515

28.2038, 37.7925,
23.1353

58.3331, 52.1303,
78.5101

25.1557, 36.3328,
17.9476

65.5196, 55.5390,
92.2217

22.6090, 35.1098,
13.7687

72.3917, 58.8690,
102.1551

■ 20.5364, 34.1108,
10.5329

■ 75.2112, 60.3225,
102.2871

■ 18.9076, 33.3218,
8.1669

■ 17.6890, 32.7273,
6.5862

■ 16.8415, 32.3094,
5.6901

Harmonies

Analogous

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



41.1224, 43.7036, 44.3199



40.6004, 43.7036, 45.3255



40.3308, 43.7036, 46.9535

Triad

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



40.6004, 43.7036, 45.3255



41.3176, 43.7036, 51.1661



42.7174, 43.7036, 46.3987

Complementary

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



40.6004, 43.7036, 45.3255



40.9215, 42.0677, 48.0848

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.



42.7710, 43.7036, 48.2237



40.6004, 43.7036, 45.3255



41.9583, 43.7036, 51.0083

Square

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



40.6004, 43.7036, 45.3255



40.7420, 43.7036, 50.3460



42.4919, 43.7036, 49.9200



42.3462, 43.7036, 44.9284

Rectangle

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



40.6004, 43.7036, 45.3255



40.3286, 43.7036, 48.1866



42.4919, 43.7036, 49.9200



42.7733, 43.7036, 46.9900

Sweetspot

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



40.6016, 43.7055, 45.3265



75.7860, 80.2816, 86.1654



41.5305, 43.8899, 45.3131



16.8015, 17.7917, 19.1104



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.6016, 43.7055, 45.3265



72.9966, 78.9541, 81.0405



40.5750, 43.6694, 46.3361



9.0192, 9.7952, 9.9654



11.8042, 22.9954, 3.8164



0.4116, 0.7442, 0.1220

Inverse Universe

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



40.9215, 42.0677, 48.0848



73.6934, 75.3870, 87.0483



40.9506, 42.1057, 47.0449



9.1181, 9.2886, 10.8186



14.5789, 6.8515, 30.6911



0.4955, 0.2346, 0.9674

Previews

White Background



This preview shows how the XYZ color 40.6004, 43.7036, 45.3255 looks on a white background.

Color Contrast Check

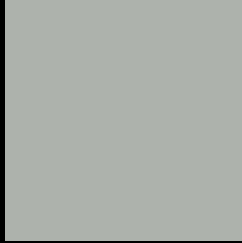
Large Text (above 18pt) WCAG AA × Fail

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 40.6004, 43.7036, 45.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

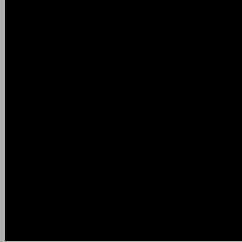
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

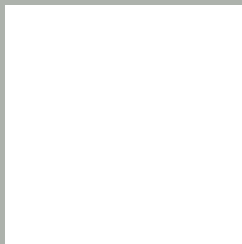
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6004, 43.7036, 45.3255

Background



This preview shows how black text looks on a background with the XYZ color 40.6004, 43.7036, 45.3255.



This preview shows how white text looks on a background with the XYZ color 40.6004, 43.7036,

45.3255.

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

40.6004, 43.7036, 45.3255

Protanopia

41.9321, 43.8147, 44.7751

Deuteranopia

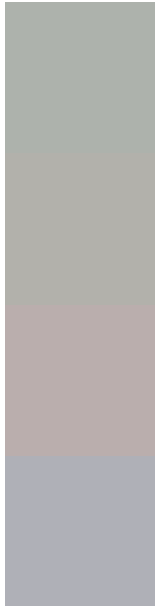
44.3539, 43.6123, 45.6155



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

40.6004, 43.7036, 45.3255

Protanomaly

41.4329, 43.8495, 44.8081

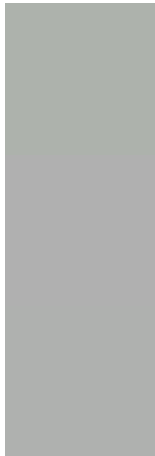
Deuteranomaly

42.9286, 43.7283, 45.7130

Tritanomaly

41.7518, 43.5835, 51.0117

Monochromacy



Original Color

40.6004, 43.7036, 45.3255

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1392, 43.6534, 46.8151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6004, 43.7036, 45.3255 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(173, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 178, 172)  
}
```

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(173, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 178, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.6004, 43.7036, 45.3255 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(173, 178, 172) }
```


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

```
.border{ border-color:rgb(173, 178, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 178,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6004, 43.7036, 45.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 178, 172) }
```

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

```
.background{ background-color: rgb(173,  
178, 172) }
```

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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