

Converting Colors

XYZ(40.9971, 43.4783, 45.6668)

Have a look what the booklet for
XYZ(40.9971, 43.4783, 45.6668)
contains.

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Color

**XYZ(41.1695, 43.6915,
45.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B1AD
RGB	176, 177, 173
RGB Percent	69%, 69%, 68%
CMY	0.3098, 0.3059, 0.3216
CMYK	0.01, 0.00, 0.02, 0.31
HSL	75°, 3%, 69%
HSV	75°, 2%, 69%
XYZ	41.1695, 43.6915, 45.7986
YIQ	176.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

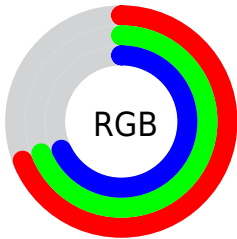
Format	Color
RYB	173, 177, 174
Decimal	11579821
CIELab	72.02, -1.09, 1.91
CIElCh	72, 2.201, 119.782
Yxy	43.6915, 0.3151, 0.3344
Android (android.graphics.Color)	4289769901 (0xFFB0B1AD)
YUV	176.2450, -1.5998, -0.2149
Hunter-Lab	66.0995, -4.4971, 5.1892

Details

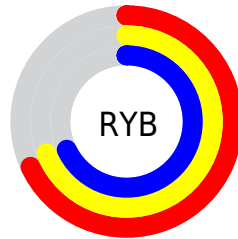
The XYZ color **41.1695, 43.6915, 45.7986** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3365, 42.0613, 47.5898**, and the grayscale version is **41.4035, 43.5597, 47.4365**.

A 20% lighter version of the original color is **76.4212, 81.0351, 85.0123**, and **18.9710, 20.0809, 20.9653** is the 20% darker color. If you saturate the color by 10%, you get **38.5831, 42.5444, 37.3213**, and if you desaturate by 10%, it is **44.0181, 44.9501, 55.4745**.

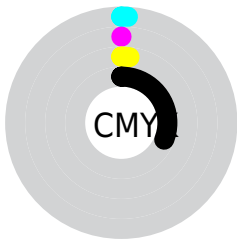
Distribution



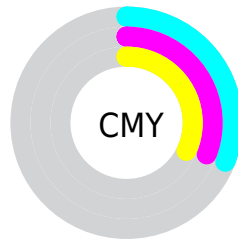
- Red (69%)
- Green (69%)
- Blue (68%)



- Red (68%)
- Yellow (69%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1695, 43.6915, 45.7986 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 41.1695, 43.6915, 45.7986 by changing the saturation by 10% instead.

■ 41.1695, 43.6915,
45.7986

■ 41.1695, 43.6915,
45.7986

342.0790,
361.4479, 386.2524

■ 28.6398, 30.4281,
31.7394

■ 76.2142, 80.7533,
85.2486

■ 18.9514, 20.1637,
20.8994

99.4600, 105.3205,
111.4765

■ 11.7390, 12.5141,
12.8599

127.0084,
134.4244, 142.5977

■ 6.6371, 7.0948,
7.2026

159.2250,
168.4493, 179.0308

■ 3.2805, 3.5215,
3.5087

196.4749,
207.7797, 221.1942

■ 1.3038, 1.4097,
1.3599

239.1237,

■ 0.1861, 0.2238,

252.8000, 269.5066

0.1101

287.5366,
303.8946, 324.3865

■ 0.0000, 0.0000,
0.0000

■ 41.1695, 43.6915,
45.7986

■ 41.1695, 43.6915,
45.7986

■ 38.5831, 42.5444,
37.3213

■ 44.0181, 44.9501,
55.4745

■ 36.2460, 41.4993,
29.9932

■ 47.1339, 46.3179,
66.3903

■ 34.1497, 40.5543,
23.7654

■ 50.5263, 47.8003,
78.5887

■ 32.2838, 39.7051,
18.5847

■ 54.2032, 49.4004,
92.1096

■ 30.6369, 38.9472,
14.3932

■ 57.1072, 50.6952,
101.3830

■ 29.1968, 38.2756,
11.1277

■ 58.2946, 51.3073,
101.4386

■ 27.9497, 37.6848,
8.7174

■ 59.5166, 51.9373,
101.4958

■ 26.8799, 37.1683,
7.0815

■ 60.7734, 52.5851,
101.5546

■ 25.9687, 36.7189,
6.1235

■ 62.0652, 53.2511,
101.6150

Harmonies

Analogous

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



41.5302, 43.6915, 45.5326



41.1695, 43.6915, 45.7986



40.9060, 43.6915, 46.5384

Triad

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



41.1695, 43.6915, 45.7986



41.1648, 43.6915, 49.3838



42.2544, 43.6915, 47.5805

Complementary

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



41.1695, 43.6915, 45.7986



40.3365, 42.0613, 47.5898

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.



42.1551, 43.6915, 48.6220



41.1695, 43.6915, 45.7986



41.5247, 43.6915, 49.6727

Square

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



41.1695, 43.6915, 45.7986



40.9033, 43.6915, 48.6082



41.8875, 43.6915, 49.3919



42.1579, 43.6915, 46.5519

Rectangle

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



41.1695, 43.6915, 45.7986



40.8202, 43.6915, 47.2064



41.8875, 43.6915, 49.3919



42.2428, 43.6915, 47.9408

Sweetspot

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



41.1707, 43.6934, 45.7996



74.3405, 78.5188, 84.0590



40.8118, 42.6377, 45.6147



16.1167, 17.0189, 18.2368



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.



41.1707, 43.6934, 45.7996



73.3489, 78.0799, 80.7452



40.7219, 43.4620, 45.7785



9.3183, 9.9453, 10.1652



18.4183, 26.4050, 4.1259



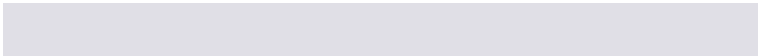
0.6292, 0.8564, 0.1321

Inverse Universe

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



40.3365, 42.0613, 47.5898



71.3436, 74.1566, 85.0487



40.7853, 42.2926, 47.6108



9.0068, 9.3359, 10.8336



6.5613, 2.7183, 30.3158



0.2609, 0.1136, 0.9564

Previews

White Background



This preview shows how the XYZ color 41.1695, 43.6915, 45.7986 looks on a white background.

Color Contrast Check

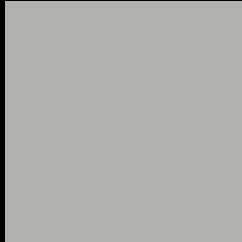
Large Text (above 18pt) WCAG AA × Fail

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 41.1695, 43.6915, 45.7986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

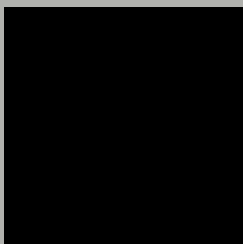
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

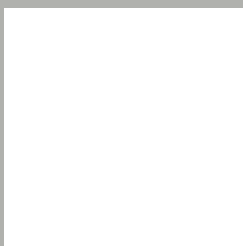
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1695, 43.6915, 45.7986

Background



This preview shows how black text looks on a background with the XYZ color 41.1695, 43.6915, 45.7986.



This preview shows how white text looks on a background with the XYZ color 41.1695, 43.6915,

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

41.1695, 43.6915, 45.7986

Protanopia

42.0278, 43.8530, 45.2791

Deuteranopia

44.4510, 43.6511, 46.1271



Tritanopia

42.7672, 43.7558, 53.7686

Trichromacy



Original Color

41.1695, 43.6915, 45.7986

Protanomaly

41.5621, 43.6129, 45.2573

Deuteranomaly

43.0771, 43.5079, 46.1719

Tritanomaly

42.2040, 43.8167, 51.0328

Monochromacy



Original Color

41.1695, 43.6915, 45.7986

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1677, 43.3759, 46.7601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1695, 43.6915, 45.7986 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(176, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 173)  
}
```

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(176, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 173) }
```

Border

The CSS property to change the border of an element to XYZ 41.1695, 43.6915, 45.7986 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(176, 177, 173) }
```


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

```
.border{ border-color:rgb(176, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1695, 43.6915, 45.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 173) }
```

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

```
.background{ background-color: rgb(176,  
177, 173) }
```

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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