

Converting Colors

XYZ(40.5961, 41.8912, 47.2134)

Have a look what the booklet for
XYZ(40.5961, 41.8912, 47.2134)
contains.

XYZ(40.4935, 41.8697, 47.0217)	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(40.4935, 41.8697,
47.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ACB0
RGB	176, 172, 176
RGB Percent	69%, 67%, 69%
CMY	0.3098, 0.3255, 0.3098
CMYK	0.00, 0.02, 0.00, 0.31
HSL	300°, 2%, 68%
HSV	300°, 2%, 69%
XYZ	40.4935, 41.8697, 47.0217
YIQ	173.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

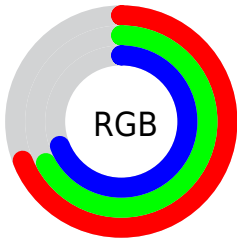
Format	Color
RYB	176, 172, 176
Decimal	11578544
CIELab	70.78, 2.17, -1.55
CIELCh	71, 2.670, 324.478
Yxy	41.8697, 0.3130, 0.3236
Android (android.graphics.Color)	4289768624 (0xFFB0ACB0)
YUV	173.6520, 1.1576, 2.0592
Hunter-Lab	64.7068, -1.5316, 2.2094

Details

The XYZ color **40.4935, 41.8697, 47.0217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9866, 42.8010, 45.1858**, and the grayscale version is **40.0485, 42.1341, 45.8841**.

A 20% lighter version of the original color is **75.3133, 77.9202, 87.4146**, and **18.6667, 19.1733, 21.7857** is the 20% darker color. If you saturate the color by 10%, you get **37.3637, 35.6096, 45.9785**, and if you desaturate by 10%, it is **44.0693, 49.0206, 48.2146**.

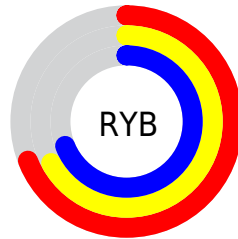
Distribution



Red (69%)

Green (67%)

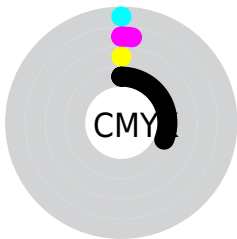
Blue (69%)



Red (69%)

Yellow (67%)

Blue (69%)

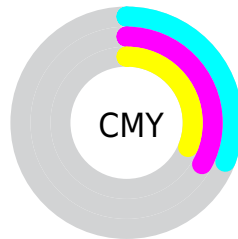


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4935, 41.8697, 47.0217 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 40.4935, 41.8697, 47.0217 by changing the saturation by 10% instead.

■ 40.4935, 41.8697,
47.0217

■ 40.4935, 41.8697,
47.0217

339.2981,
353.9425, 391.2974

■ 28.1095, 28.9993,
32.6983

■ 75.1940, 78.0024,
87.0963

■ 18.5491, 19.0803,
21.6262

98.2411, 102.0334,
113.6847

■ 11.4470, 11.7283,
13.3868

125.5734,
130.5535, 145.1985

■ 6.4378, 6.5589,
7.5616

157.5560,
163.9469, 182.0562

■ 3.1563, 3.1878,
3.7320

194.5545,
202.5982, 224.6764

■ 1.2369, 1.2306,
1.4795

236.9341,

■ 0.1352, 0.0865,

246.8916, 273.4776

0.2026

285.0601,
297.2116, 328.8785

■ 0.0000, 0.0000,
0.0000

■ 40.4935, 41.8697,
47.0217

■ 40.4935, 41.8697,
47.0217

■ 37.3637, 35.6096,
45.9785

■ 44.0693, 49.0206,
48.2146

■ 34.6590, 30.2004,
45.0765

■ 48.1039, 57.0897,
49.5599

■ 32.3622, 25.6070,
44.3105

■ 52.6140, 66.1098,
51.0637

■ 30.4536, 21.7898,
43.6739

■ 57.6144, 76.1104,
52.7309

■ 28.9116, 18.7059,
43.1595

■ 61.5018, 83.8851,
54.0271

■ 27.7127, 16.3084,
42.7594

■ 61.5019, 83.8851,
54.0275

■ 26.8309, 14.5449,
42.4651

■ 61.5020, 83.8851,
54.0280

■ 26.2360, 13.3552,
42.2663

■ 61.5021, 83.8852,
54.0284

■ 25.8924, 12.6681,
42.1514

■ 61.5022, 83.8852,
54.0289

Harmonies

Analogous

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



40.1500, 41.8697, 47.8464



40.4935, 41.8697, 47.0217



40.6501, 41.8697, 45.8242

Triad

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



40.4935, 41.8697, 47.0217



39.8779, 41.8697, 43.2027



39.0254, 41.8697, 46.6077

Complementary

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



40.4935, 41.8697, 47.0217



39.9866, 42.8010, 45.1858

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.



38.9537, 41.8697, 45.3546



40.4935, 41.8697, 47.0217



39.4438, 41.8697, 43.4037

Square

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



40.4935, 41.8697, 47.0217



40.2931, 41.8697, 43.6314



39.1063, 41.8697, 44.1857



39.3028, 41.8697, 47.6043

Rectangle

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



40.4935, 41.8697, 47.0217



40.6267, 41.8697, 44.9815



39.1063, 41.8697, 44.1857



38.9765, 41.8697, 46.2019

Sweetspot

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



40.4947, 41.8715, 47.0226



74.2108, 77.4759, 85.5382



39.6041, 41.4124, 46.9810



16.0901, 16.8051, 18.5400



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.



40.4947, 41.8715, 47.0226



72.9706, 74.9953, 85.1246



40.2984, 41.7930, 45.9887



9.2598, 9.4663, 10.8454



18.8860, 9.0720, 30.8894



0.5942, 0.2854, 0.9719

Inverse Universe

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



40.4947, 41.8715, 47.0226



72.9706, 74.9953, 85.1246



40.1800, 42.8784, 46.2044



9.2598, 9.4663, 10.8454



18.8860, 9.0720, 30.8894



0.5942, 0.2854, 0.9719

Previews

White Background



This preview shows how the XYZ color 40.4935, 41.8697, 47.0217 looks on a white background.

Color Contrast Check

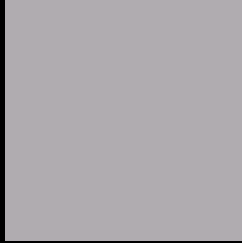
Large Text (above 18pt) WCAG AA × Fail

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 40.4935, 41.8697, 47.0217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

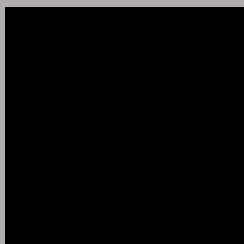
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4935, 41.8697, 47.0217

Background



This preview shows how black text looks on a background with the XYZ color 40.4935, 41.8697, 47.0217.



This preview shows how white text looks on a background with the XYZ color 40.4935, 41.8697,

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

40.4935, 41.8697, 47.0217

Protanopia

40.2682, 41.7536, 47.0112

Deuteranopia

42.6775, 41.8710, 47.4275



Tritanopia

41.3461, 41.9336, 51.2622

Trichromacy



Original Color

40.4935, 41.8697, 47.0217

Protanomaly

40.2682, 41.7536, 47.0112

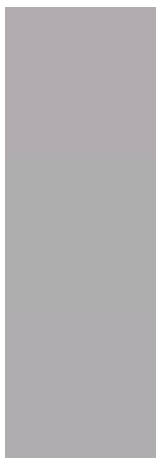
Deuteranomaly

41.8909, 41.7406, 47.4438

Tritanomaly

41.0349, 41.8091, 49.6233

Monochromacy



Original Color

40.4935, 41.8697, 47.0217

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3606, 42.0962, 46.5556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4935, 41.8697, 47.0217 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, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 176)  
}
```

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, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.4935, 41.8697, 47.0217 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, 172, 176) }
```


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

```
.border{ border-color:rgb(176, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 172,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4935, 41.8697, 47.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 176) }
```

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

```
.background{ background-color: rgb(176,  
172, 176) }
```

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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