

Converting Colors

XYZ(41.5501, 44.1818, 47.8731)

Have a look what the booklet for
XYZ(41.5501, 44.1818, 47.8731)
contains.

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Color

**XYZ(41.5354, 44.1291,
47.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB2B1
RGB	175, 178, 177
RGB Percent	69%, 70%, 69%
CMY	0.3137, 0.3019, 0.3059
CMYK	0.02, 0.00, 0.01, 0.30
HSL	160°, 2%, 69%
HSV	160°, 2%, 70%
XYZ	41.5354, 44.1291, 47.9236
YIQ	176.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

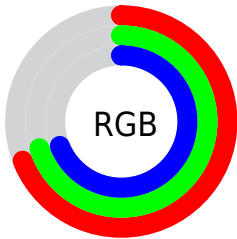
Format	Color
RYB	175, 177, 178
Decimal	11514545
CIELab	72.31, -1.24, 0.13
CIELCh	72, 1.245, 173.885
Yxy	44.1291, 0.3109, 0.3303
Android (android.graphics.Color)	4289704625 (0xFFAFB2B1)
YUV	176.9890, 0.0054, -1.7444
Hunter-Lab	66.4297, -4.6444, 3.7280

Details

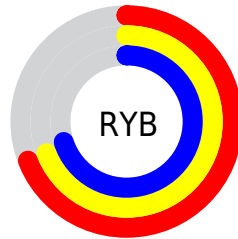
The XYZ color **41.5354, 44.1291, 47.9236** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5282, 43.2606, 47.2378**, and the grayscale version is **41.7858, 43.9619, 47.8745**.

A 20% lighter version of the original color is **76.7639, 81.5518, 88.7860**, and **19.1401, 20.3334, 21.9847** is the 20% darker color. If you saturate the color by 10%, you get **37.2211, 41.9732, 44.6960**, and if you desaturate by 10%, it is **46.4047, 46.5706, 51.3138**.

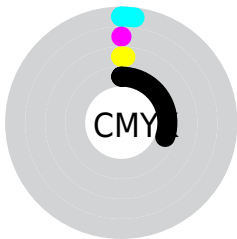
Distribution



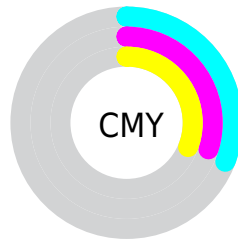
- Red (69%)
- Green (70%)
- Blue (69%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5354, 44.1291, 47.9236 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 41.5354, 44.1291, 47.9236 by changing the saturation by 10% instead.

■ 41.5354, 44.1291,
47.9236

■ 41.5354, 44.1291,
47.9236

343.5778,
363.2348, 394.9892

■ 28.9272, 30.7720,
33.4068

■ 76.7656, 81.4120,
88.4550

■ 19.1698, 20.4253,
22.1646

100.1182,
106.1065, 115.3067

■ 11.8977, 12.7046,
13.7784

127.7831,
135.3491, 147.1072

■ 6.7458, 7.2254,
7.8297

160.1255,
169.5240, 184.2749

■ 3.3485, 3.6035,
3.9000

197.5109,
209.0156, 227.2284

■ 1.3406, 1.4543,
1.5706

240.3044,

■ 0.2133, 0.2563,

254.2083, 276.3863

0.2697

288.8717,
305.4866, 332.1670

■ 0.0000, 0.0000,
0.0000

■ 41.5354, 44.1291,
47.9236

■ 41.5354, 44.1291,
47.9236

■ 37.2211, 41.9732,
44.6960

■ 46.4047, 46.5706,
51.3138

■ 33.4373, 40.0867,
41.6254

■ 51.8449, 49.3021,
54.8663

■ 30.1631, 38.4599,
38.7100

■ 57.8759, 52.3352,
58.5845

■ 27.3749, 37.0808,
35.9469

■ 64.5155, 55.6789,
62.4710

■ 25.0470, 35.9361,
33.3333

■ 68.3905, 57.5942,
66.3693

■ 23.1513, 35.0115,
30.8658

■ 69.1300, 57.8900,
70.2637

■ 21.6567, 34.2909,
28.5412

■ 69.8972, 58.1969,
74.3037

■ 20.5274, 33.7559,
26.3559

■ 70.6924, 58.5150,
78.4909

■ 19.7211, 33.3849,
24.3059

■ 71.5158, 58.8443,
82.8268

Harmonies

Analogous

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



41.6117, 44.1291, 47.3575



41.5354, 44.1291, 47.9236



41.5681, 44.1291, 48.5280

Triad

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



41.5354, 44.1291, 47.9236



42.1103, 44.1291, 49.1352



42.1865, 44.1291, 47.1030

Complementary

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



41.5354, 44.1291, 47.9236



41.5282, 43.2606, 47.2378

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.



42.3209, 44.1291, 47.5733



41.5354, 44.1291, 47.9236



42.2768, 44.1291, 48.7473

Square

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



41.5354, 44.1291, 47.9236



41.8995, 44.1291, 49.2309



42.3540, 44.1291, 48.1748



41.9873, 44.1291, 46.8863

Rectangle

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



41.5354, 44.1291, 47.9236



41.6474, 44.1291, 48.8710



42.3540, 44.1291, 48.1748



42.2408, 44.1291, 47.2364

Sweetspot

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



41.5367, 44.1310, 47.9246



75.8797, 80.3047, 87.3061



41.5755, 44.1739, 46.8932



16.8211, 17.7965, 19.3498



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.



41.5367, 44.1310, 47.9246



75.0317, 79.8802, 86.6953



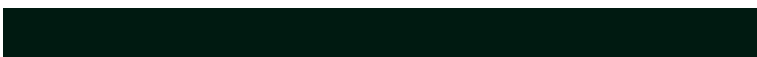
41.5475, 43.9922, 48.4233



9.3559, 9.9506, 10.8027



13.7845, 23.7398, 16.3998



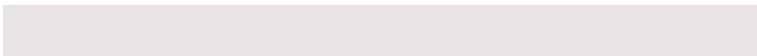
0.4595, 0.7573, 0.6516

Inverse Universe

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



41.5282, 43.2606, 47.2378



75.0132, 77.9812, 85.1970



41.5171, 43.3967, 46.7462



9.3538, 9.7338, 10.6316



13.7366, 7.0122, 3.7732



0.4600, 0.2317, 0.2651

Previews

White Background



This preview shows how the XYZ color 41.5354, 44.1291, 47.9236 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 41.5354, 44.1291, 47.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

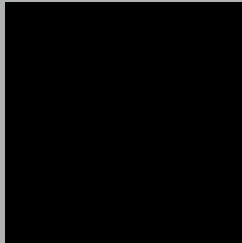
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5354, 44.1291, 47.9236

Background



This preview shows how black text looks on a background with the XYZ color 41.5354, 44.1291, 47.9236.

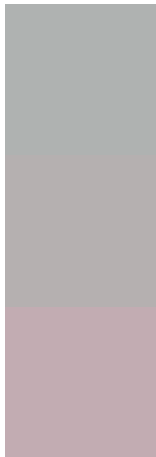


This preview shows how white text looks on a background with the XYZ color 41.5354, 44.1291,

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

41.5354, 44.1291, 47.9236

Protanopia

42.4179, 44.0090, 47.3332

Deuteranopia

45.0365, 44.1887, 48.2751



Tritanopia

42.9511, 44.1155, 54.9666

Trichromacy



Original Color

41.5354, 44.1291, 47.9236

Protanomaly

42.1490, 44.1626, 47.3770

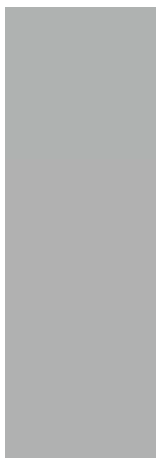
Deuteranomaly

43.6655, 44.0513, 48.3208

Tritanomaly

42.3836, 44.1772, 52.1921

Monochromacy



Original Color

41.5354, 44.1291, 47.9236

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5624, 43.8487, 47.8680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5354, 44.1291, 47.9236 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(175, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 177)  
}
```

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(175, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 177) }
```

Border

The CSS property to change the border of an element to XYZ 41.5354, 44.1291, 47.9236 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(175, 178, 177) }
```


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

```
.border{ border-color:rgb(175, 178, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5354, 44.1291, 47.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 177) }
```

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

```
.background{ background-color: rgb(175,  
178, 177) }
```

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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