

Converting Colors

XYZ(41.6373, 42.0116, 54.8414)

Have a look what the booklet for
XYZ(41.6373, 42.0116, 54.8414)
contains.

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Color

**XYZ(41.5364, 41.9575,
54.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	AFABBE
RGB	175, 171, 190
RGB Percent	69%, 67%, 75%
CMY	0.3137, 0.3294, 0.2549
CMYK	0.08, 0.10, 0.00, 0.25
HSL	253°, 13%, 71%
HSV	253°, 10%, 75%
XYZ	41.5364, 41.9575, 54.6246
YIQ	174.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

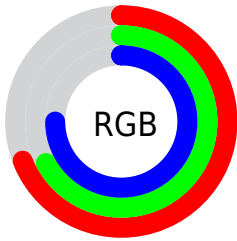
Format	Color
RYB	175, 171, 190
Decimal	11512766
CIELab	70.84, 5.11, -9.19
CIELCh	71, 10.518, 299.094
Yxy	41.9575, 0.3007, 0.3038
Android (android.graphics.Color)	4289702846 (0xFFAFABBE)
YUV	174.3620, 7.7095, 0.5595
Hunter-Lab	64.7746, 1.1067, -4.6572

Details

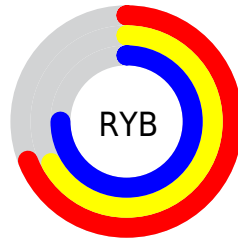
The XYZ color **41.5364, 41.9575, 54.6246** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.0153, 50.2074, 45.7958**, and the grayscale version is **40.3822, 42.4853, 46.2664**.

A 20% lighter version of the original color is **76.7859, 78.0355, 98.2041**, and **19.2806, 19.2107, 26.3588** is the 20% darker color. If you saturate the color by 10%, you get **35.0204, 33.6491, 53.3650**, and if you desaturate by 10%, it is **48.9448, 51.4941, 56.0755**.

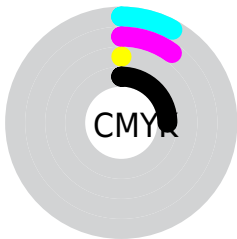
Distribution



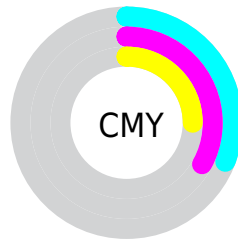
- Red (69%)
- Green (67%)
- Blue (75%)



- Red (69%)
- Yellow (67%)
- Blue (75%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5364, 41.9575, 54.6246 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 41.5364, 41.9575, 54.6246 by changing the saturation by 10% instead.

■ 41.5364, 41.9575,
54.6246

■ 41.5364, 41.9575,
54.6246

343.5819,
354.3067, 421.7291

■ 28.9280, 29.0680,
38.7047

■ 76.7671, 78.1353,
98.4563

■ 19.1703, 19.1323,
26.2240

100.1200,
102.1924, 127.2052

■ 11.8982, 11.7659,
16.7640

127.7852,
130.7408, 161.0676

■ 6.7461, 6.5845,
9.9062

160.1280,
164.1650, 200.4618

■ 3.3487, 3.2036,
5.2320

197.5137,
202.8493, 245.8066

■ 1.3407, 1.2389,
2.3229

240.3077,

■ 0.2134, 0.0932,

247.1780, 297.5203

0.7440

288.8753,
297.5357, 356.0217

■ 0.0000, 0.0000,
0.0000

■ 41.5364, 41.9575,
54.6246

■ 41.5364, 41.9575,
54.6246

■ 35.0204, 33.6491,
53.3650

■ 48.9448, 51.4941,
56.0755

■ 29.3591, 26.5134,
52.2861

■ 57.2742, 62.3007,
57.7224

■ 24.5174, 20.4987,
51.3803

■ 66.5564, 74.4238,
59.5732

■ 20.4564, 15.5473,
50.6386

■ 76.8205, 87.9058,
61.6345

■ 17.1337, 11.5960,
50.0510

■ 84.4827, 95.5638,
62.7088

■ 14.5031, 8.5752,
49.6066

■ 86.2944, 96.4978,
62.7936

■ 12.5126, 6.4059,
49.2928

■ 11.1021, 4.9955,
49.0949

■ 10.1689, 4.1686,
48.9845

Harmonies

Analogous

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



39.8262, 41.9575, 56.0032



41.5364, 41.9575, 54.6246



42.8339, 41.9575, 50.8103

Triad

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



41.5364, 41.9575, 54.6246



41.6311, 41.9575, 37.9117



36.6116, 41.9575, 45.5325

Complementary

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



41.5364, 41.9575, 54.6246



46.0153, 50.2074, 45.7958

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.



37.0639, 41.9575, 40.9157



41.5364, 41.9575, 54.6246



39.9325, 41.9575, 36.7183

Square

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



41.5364, 41.9575, 54.6246



42.8896, 41.9575, 41.1612



38.2670, 41.9575, 37.7774



37.0133, 41.9575, 50.5277

Rectangle

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



41.5364, 41.9575, 54.6246



43.2723, 41.9575, 47.5305



38.2670, 41.9575, 37.7774



36.6686, 41.9575, 43.8871

Sweetspot

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



41.5376, 41.9593, 54.6255



84.4254, 87.8030, 100.7771



43.6913, 47.5790, 55.5967



18.2949, 18.9660, 22.0819



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.5376, 41.9593, 54.6255



72.5418, 72.5414, 98.4577



43.6977, 43.0728, 54.7266



9.1991, 9.3195, 11.9862



6.8160, 2.7999, 32.5741



0.3227, 0.1384, 1.2786

Inverse Universe

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



44.6625, 43.6200, 52.5219



79.3594, 76.1657, 93.8193



43.8287, 49.0801, 45.6935



9.8416, 9.6610, 11.5550



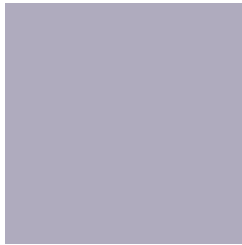
17.8111, 8.7556, 20.0966



0.7196, 0.3518, 0.9029

Previews

White Background



This preview shows how the XYZ color 41.5364, 41.9575, 54.6246 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 41.5364, 41.9575, 54.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

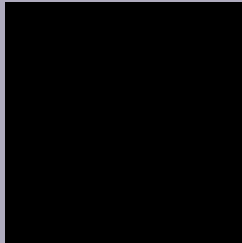
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5364, 41.9575, 54.6246

Background



This preview shows how black text looks on a background with the XYZ color 41.5364, 41.9575, 54.6246.



This preview shows how white text looks on a background with the XYZ color 41.5364, 41.9575,

54.6246.

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

41.5364, 41.9575, 54.6246

Protanopia

40.9511, 41.9246, 55.2241

Deuteranopia

42.7736, 42.0387, 54.5751



Tritanopia

40.9650, 42.0065, 51.8479

Trichromacy



Original Color

41.5364, 41.9575, 54.6246

Protanomaly

41.1698, 42.0373, 55.2343

Deuteranomaly

42.2594, 42.0509, 54.6045

Tritanomaly

41.1777, 42.0916, 52.9679

Monochromacy



Original Color

41.5364, 41.9575, 54.6246

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6373, 42.1811, 49.1800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5364, 41.9575, 54.6246 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, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 190)  
}
```

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, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 190) }
```

Border

The CSS property to change the border of an element to XYZ 41.5364, 41.9575, 54.6246 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, 171, 190) }
```


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

```
.border{ border-color:rgb(175, 171, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5364, 41.9575, 54.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 190) }
```

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

```
.background{ background-color: rgb(175,  
171, 190) }
```

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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