Converting Colors

XYZ(40.7530, 41.5624, 55.6334)

Have a look what the booklet for XYZ(40.7530, 41.5624, 55.6334) contains.

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Color

XYZ(40.6549, 41.4776, 55.7324)

Conversions

Format	Color
Hex	AAABC0
RGB	170, 171, 192
RGB Percent	67%, 67%, 75%
CMY	0.3333, 0.3294, 0.2471
CMYK	0.11, 0.11, 0.00, 0.25
HSL	237°, 15%, 71%
HSV	237°, 11%, 75%
XYZ	40.6549, 41.4776, 55.7324
YIQ	173.0950, -7.3370, 6.3190

Conversions Part 1

Conversions

Conversions Part 2

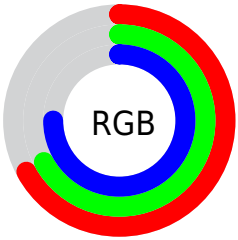
Format	Color
RYB	170, 171, 192
Decimal	11185088
CIELab	70.51, 3.84, -10.83
CIELCh	71, 11.493, 289.538
Yxy	41.4776, 0.2949, 0.3009
Android (android.graphics.Color)	4289375168 (0xFFAAABC0)
YUV	173.0950, 9.3202, -2.7143
Hunter-Lab	64.4031, -0.0261, -6.2255

Details

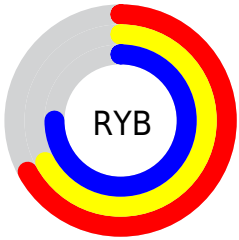
The XYZ color 40.6549, 41.4776, 55.7324 is a light color, and the websafe version is hex 999999. A complement of this color would be 47.6250, 51.3702, 45.4364, and the grayscale version is 39.7266, 41.7954, 45.5152.

A 20% lighter version of the original color is 75.1910, 77.1776, 99.7407, and 18.7282, 18.9093, 27.0889 is the 20% darker color. If you saturate the color by 10%, you get 33.5789, 33.0434, 54.4780, and if you desaturate by 10%, it is 48.8195, 51.1876, 57.1769.

Distribution

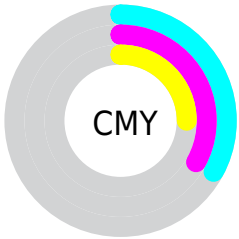


- Red (67%)
- Green (67%)
- Blue (75%)



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

- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6549, 41.4776, 55.7324 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 40.6549, 41.4776, 55.7324 by changing the saturation by 10% instead.

40.6549, 41.4776, 55.7324

40.6549, 41.4776, 55.7324

339.9635, 352.3128, 426.0422

28.2360, 28.6925, 39.5859

75.4378, 77.4084, 100.0951

18.6450, 18.8483, 26.9045

98.5324, 101.3228, 129.1483

11.5165, 11.5607, 17.2697

125.9164, 129.7158, 163.3409

6.4852, 6.4453, 10.2630

157.9551, 162.9717, 203.0913

3.1858, 3.1177, 5.4658

195.0138, 201.4750, 248.8181

1.2527, 1.1935, 2.4596

237.4578,

0.1474, 0.0564,

245.6100, 300.9398

0.8186

285.6526, 295.7611, 359.8750

0.0000, 0.0000, 0.0000

40.6549, 41.4776, 55.7324

40.6549, 41.4776, 55.7324

33.5789, 33.0434, 54.4780

48.8195, 51.1876, 57.1769

27.5420, 25.8271, 53.4033

58.1120, 62.2178, 58.8162

22.4964, 19.7740, 52.5009

68.5745, 74.6170, 60.6581

18.3890, 14.8231, 51.7618

80.2455, 88.4298, 62.7091

15.1619, 10.9081, 51.1762

86.5146, 96.5858, 63.9529

12.7507, 7.9553, 50.7333

11.0822, 5.8816, 50.4210

10.0701, 4.5894, 50.2249

9.6095, 3.9957, 50.1346

Harmonies

Analogous

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

38.7650, 41.4776, 56.2257

40.6549, 41.4776, 55.7324

42.2622, 41.4776, 52.2813

Triad

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

40.6549, 41.4776, 55.7324

41.8364, 41.4776, 37.6757

35.9461, 41.4776, 43.2927

Complementary

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

40.6549, 41.4776, 55.7324

47.6250, 51.3702, 45.4364

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.

36.7143, 41.4776, 38.7204

40.6549, 41.4776, 55.7324

40.0889, 41.4776, 35.6542

Square

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

40.6549, 41.4776, 55.7324

42.9593, 41.4776, 41.7599

38.2167, 41.4776, 36.0206

36.0867, 41.4776, 48.7441

Rectangle

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

40.6549, 41.4776, 55.7324

42.9380, 41.4776, 48.9109

38.2167, 41.4776, 36.0206

36.1056, 41.4776, 41.6099

Sweetspot

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

40.6561, 41.4793, 55.7333

85.9702, 89.7928, 103.1609

44.8209, 50.0032, 56.5225

18.1756, 18.9452, 22.0841

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.

40.6561, 41.4793, 55.7333

69.9248, 70.7021, 100.3217

42.6891, 42.2474, 55.7744

9.5643, 9.8199, 12.6762

6.4816, 2.7197, 33.7400

0.2930, 0.1434, 1.4621

Inverse Universe

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

43.4646, 42.8972, 44.5191

76.1275, 73.8468, 75.5518

45.4211, 50.5595, 45.3961

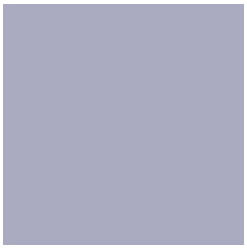
10.0914, 10.0852, 10.5717

14.6676, 7.5568, 0.8957

0.6403, 0.3291, 0.0731

Previews

White Background

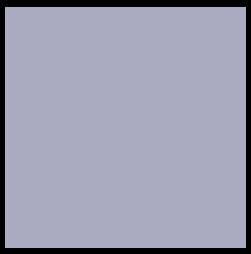


This preview shows how the XYZ color 40.6549, 41.4776, 55.7324 looks on a white background.

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



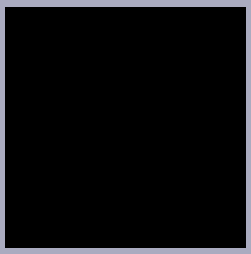
This preview shows how the XYZ color 40.6549, 41.4776, 55.7324 looks on a black background.

Color Contrast Check

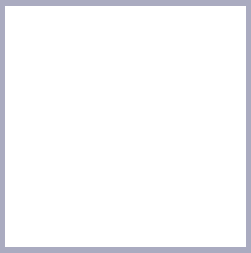
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 40.6549, 41.4776, 55.7324 Background



This preview shows how black text looks on a background with the XYZ color 40.6549, 41.4776, 55.7324.



This preview shows how white text looks on a background with the XYZ color 40.6549, 41.4776,

55.7324.

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

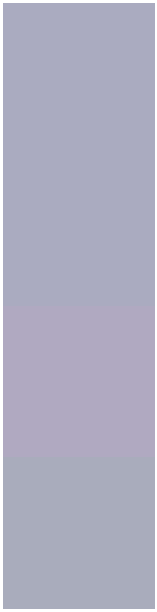
Original Color
40.6549, 41.4776, 55.7324

Protanopia
40.6549, 41.4776, 55.7324

Deuteranopia
42.4507, 41.5588, 56.2363

Tritanopia
39.9776, 41.4852, 52.3548

Trichromacy



Original Color
40.6549, 41.4776, 55.7324

Protanomaly
40.6549, 41.4776, 55.7324

Deuteranomaly
41.7181, 41.4563, 56.2552

Tritanomaly
40.1918, 41.5709, 53.4826

Monochromacy

Original Color
40.6549, 41.4776, 55.7324

Achromatopsia
39.7200, 41.7885, 45.5077

Achromatomaly
40.0040, 41.5710, 49.0956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6549, 41.4776, 55.7324 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(170, 171, 192) looks like.

```
.text, #text, p{
    color:rgb(170, 171, 192)
}
```

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(170, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.6549, 41.4776, 55.7324 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(170, 171, 192) }
```

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

```
.border{ border-color:rgb(170, 171, 192) }
```

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

Here you see how a box with a 4 pixel rgb(170, 171, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 171, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 171, 192); box-shadow:4px 4px 4px 4px rgb(170, 171, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6549, 41.4776, 55.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 171, 192) }
```

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

```
.background{ background-color:rgb(170,
171, 192) }
```

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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