

Converting Colors

XYZ(40.7970, 43.2576, 55.7249)

Have a look what the booklet for
XYZ(40.7970, 43.2576, 55.7249)
contains.

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Color

**XYZ(40.8520, 43.3129,
55.4973)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B1BF
RGB	166, 177, 191
RGB Percent	65%, 69%, 75%
CMY	0.3490, 0.3059, 0.2510
CMYK	0.13, 0.07, 0.00, 0.25
HSL	214°, 16%, 70%
HSV	214°, 13%, 75%
XYZ	40.8520, 43.3129, 55.4973
YIQ	175.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

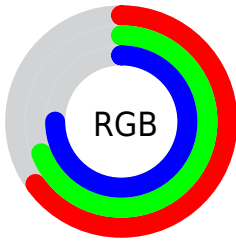
Format	Color
R _Y B	166, 174, 191
Decimal	10924479
CIE Lab	71.77, -0.97, -8.44
CIE LCh	72, 8.493, 263.447
Yxy	43.3129, 0.2925, 0.3101
Android (android.graphics.Color)	4289114559 (0xFFA6B1BF)
YUV	175.3070, 7.7366, -8.1622
Hunter-Lab	65.8125, -4.3711, -3.9283

Details

The XYZ color **40.8520, 43.3129, 55.4973** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.6902, 46.4718, 42.6917**, and the grayscale version is **40.8729, 43.0015, 46.8286**.

A 20% lighter version of the original color is **75.7462, 80.3654, 99.5155**, and **18.7345, 19.8277, 26.8845** is the 20% darker color. If you saturate the color by 10%, you get **35.1117, 37.3409, 54.6478**, and if you desaturate by 10%, it is **47.3550, 49.9262, 56.4317**.

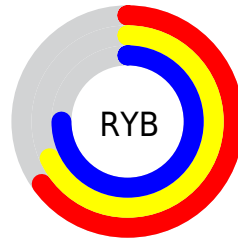
Distribution



Red (65%)

Green (69%)

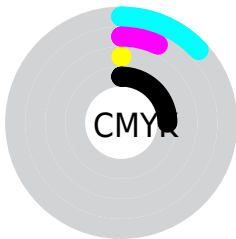
Blue (75%)



Red (65%)

Yellow (68%)

Blue (75%)

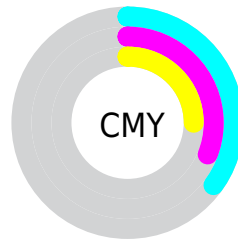


Cyan (13%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8520, 43.3129, 55.4973 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 40.8520, 43.3129, 55.4973 by changing the saturation by 10% instead.

■ 40.8520, 43.3129,
55.4973

■ 40.8520, 43.3129,
55.4973

340.7748,
359.8970, 425.1292

■ 28.3906, 30.1307,
39.3987

■ 75.7353, 80.1828,
99.7476

■ 18.7623, 19.9378,
26.7598

■ 98.8879, 104.6393,
128.7365

■ 11.6016, 12.3498,
17.1621

126.3350,
133.6227, 162.8592

■ 6.5433, 6.9824,
10.1870

158.4419,
167.5174, 202.5343

■ 3.2219, 3.4511,
5.4159

195.5740,
206.7078, 248.1803

■ 1.2722, 1.3715,
2.4303

238.0966,

■ 0.1623, 0.1956,

251.5783, 300.2157

0.8029

286.3751,
302.5132, 359.0592

■ 0.0000, 0.0000,
0.0000

■ 40.8520, 43.3129,
55.4973

■ 40.8520, 43.3129,
55.4973

■ 35.1117, 37.3409,
54.6478

■ 47.3550, 49.9262,
56.4317

■ 30.1005, 31.9837,
53.8779

■ 54.6452, 57.1953,
57.4506

■ 25.7876, 27.2209,
53.1859

■ 62.7503, 65.1409,
58.5570

■ 22.1385, 23.0286,
52.5690

■ 71.6958, 73.7813,
59.7533

■ 19.1156, 19.3812,
52.0243

■ 79.0731, 81.8796,
60.9276

■ 16.6769, 16.2504,
51.5486

■ 82.1493, 88.0320,
61.9530

■ 14.7749, 13.6050,
51.1382

■ 85.4113, 94.5561,
63.0404

■ 13.3529, 11.4084,
50.7892

■ 86.4041, 96.5416,
63.3713

■ 12.5791, 10.1117,
50.5797

Harmonies

Analogous

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



39.5383, 43.3129, 53.8312



40.8520, 43.3129, 55.4973



42.2807, 43.3129, 54.8270

Triad

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



40.8520, 43.3129, 55.4973



43.7641, 43.3129, 44.0708



38.9802, 43.3129, 42.5875

Complementary

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



40.8520, 43.3129, 55.4973



44.6902, 46.4718, 42.6917

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.



40.0742, 43.3129, 40.2440



40.8520, 43.3129, 55.4973



42.8411, 43.3129, 41.0648

Square

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



40.8520, 43.3129, 55.4973



43.9841, 43.3129, 48.0724



41.4848, 43.3129, 39.7032



38.4740, 43.3129, 46.2600

Rectangle

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



40.8520, 43.3129, 55.4973



43.1039, 43.3129, 53.1635



41.4848, 43.3129, 39.7032



39.2902, 43.3129, 41.6270

Sweetspot

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



40.8533, 43.3147, 55.4983



83.6158, 88.2116, 100.8986



42.5702, 48.6544, 50.1949



18.1579, 19.1652, 22.1275



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.



40.8533, 43.3147, 55.4983



69.7685, 74.0683, 98.8985



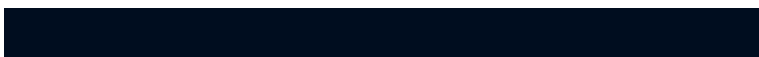
39.0302, 39.2776, 54.8151



9.3527, 9.8977, 12.0897



8.3442, 6.8001, 33.2657



0.3921, 0.3968, 1.3248

Inverse Universe

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



43.0589, 41.5240, 47.3426



74.5989, 70.2862, 81.0061



46.6873, 50.9305, 43.4471



9.6999, 9.6043, 10.8086



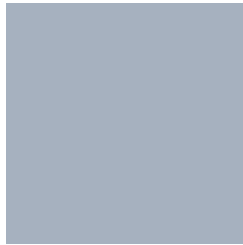
15.2125, 7.7162, 6.4128



0.6288, 0.3154, 0.4245

Previews

White Background



This preview shows how the XYZ color 40.8520, 43.3129, 55.4973 looks on a white background.

Color Contrast Check

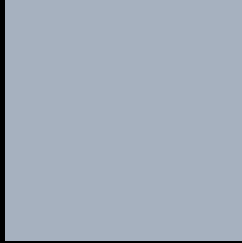
Large Text (above 18pt) WCAG AA × Fail

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 40.8520, 43.3129, 55.4973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

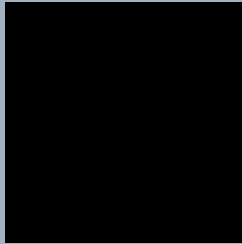
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

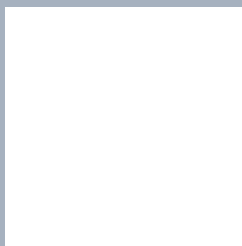
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8520, 43.3129, 55.4973

Background



This preview shows how black text looks on a background with the XYZ color 40.8520, 43.3129, 55.4973.

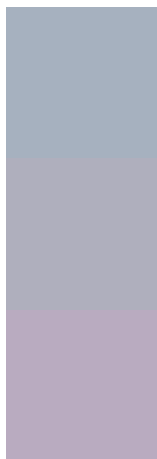


This preview shows how white text looks on a background with the XYZ color 40.8520, 43.3129,

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

40.8520, 43.3129, 55.4973

Protanopia

42.1945, 43.4480, 54.3065

Deuteranopia

44.0849, 43.2459, 55.8929



Tritanopia

40.8520, 43.3129, 55.4973

Trichromacy



Original Color

40.8520, 43.3129, 55.4973

Protanomaly

41.8329, 43.5390, 54.9142

Deuteranomaly

42.8181, 43.1579, 55.9427

Tritanomaly

40.8520, 43.3129, 55.4973

Monochromacy



Original Color

40.8520, 43.3129, 55.4973

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8791, 43.1575, 49.8917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8520, 43.3129, 55.4973 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(166, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 191)  
}
```

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(166, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.8520, 43.3129, 55.4973 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(166, 177, 191) }
```


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

```
.border{ border-color:rgb(166, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8520, 43.3129, 55.4973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 191) }
```

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

```
.background{ background-color: rgb(166,  
177, 191) }
```

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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