

Converting Colors

XYZ(40.7031, 44.5105, 51.5745)

Have a look what the booklet for
XYZ(40.7031, 44.5105, 51.5745)
contains.

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Color

**XYZ(40.6927, 44.5078,
51.7935)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B5B8
RGB	165, 181, 184
RGB Percent	65%, 71%, 72%
CMY	0.3529, 0.2902, 0.2784
CMYK	0.10, 0.02, 0.00, 0.28
HSL	189°, 12%, 68%
HSV	189°, 10%, 72%
XYZ	40.6927, 44.5078, 51.7935
YIQ	176.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

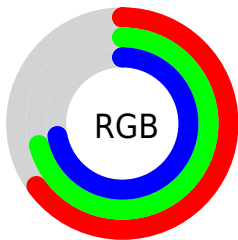
Format	Color
R_{YB}	165, 174, 184
Decimal	10859960
CIE Lab	72.57, -4.91, -3.42
CIE LCh	73, 5.983, 214.891
Yxy	44.5078, 0.2970, 0.3249
Android (android.graphics.Color)	4289050040 (0xFFA5B5B8)
YUV	176.5580, 3.6689, -10.1364
Hunter-Lab	66.7142, -7.8727, 0.6702

Details

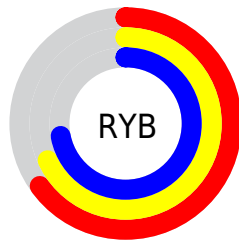
The XYZ color **40.6927, 44.5078, 51.7935** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5616, 40.9121, 41.3572**, and the grayscale version is **41.5447, 43.7082, 47.5983**.

A 20% lighter version of the original color is **75.5276, 82.0753, 94.2995**, and **18.6260, 20.5877, 24.4649** is the 20% darker color. If you saturate the color by 10%, you get **36.5538, 41.5082, 51.4334**, and if you desaturate by 10%, it is **45.3972, 47.8196, 52.1855**.

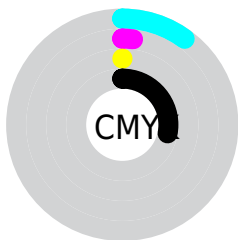
Distribution



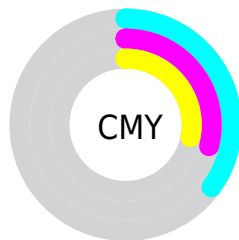
- Red (65%)
- Green (71%)
- Blue (72%)



- Red (65%)
- Yellow (68%)
- Blue (72%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6927, 44.5078, 51.7935 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 40.6927, 44.5078, 51.7935 by changing the saturation by 10% instead.

■ 40.6927, 44.5078,
51.7935

■ 40.6927, 44.5078,
51.7935

340.1192,
364.7765, 410.5731

■ 28.2657, 31.0699,
36.4594

■ 75.4948, 81.9813,
94.2501

■ 18.6675, 20.6521,
24.4967

■ 98.6006, 106.7857,
122.2097

■ 11.5328, 12.8699,
15.4869

125.9967,
136.1478, 155.2148

■ 6.4964, 7.3390,
9.0114

158.0485,
170.4519, 193.6841

■ 3.1927, 3.6750,
4.6517

195.1213,
210.0824, 238.0360

■ 1.2565, 1.4935,
1.9893

237.5804,

■ 0.1503, 0.2841,

255.4237, 288.6891

0.5487

285.7913,
306.8603, 346.0620

■ 0.0000, 0.0000,
0.0000

■ 40.6927, 44.5078,
51.7935

■ 40.6927, 44.5078,
51.7935

■ 36.5538, 41.5082,
51.4334

■ 45.3972, 47.8196,
52.1855

■ 32.9530, 38.8030,
51.1010

■ 50.6853, 51.4495,
52.6074

■ 29.8665, 36.3809,
50.7962

■ 56.5794, 55.4102,
53.0612

■ 27.2672, 34.2279,
50.5176

■ 63.0992, 59.7120,
53.5480

■ 25.1252, 32.3285,
50.2639

■ 69.5230, 63.9831,
54.0338

■ 23.4075, 30.6655,
50.0334

■ 70.1820, 65.3011,
54.2534

■ 22.0765, 29.2195,
49.8244

■ 70.8537, 66.6445,
54.4773

■ 21.0875, 27.9672,
49.6348

■ 71.5383, 68.0135,
54.7055

■ 20.3690, 26.8951,
49.4658

■ 72.2356, 69.4083,
54.9380

Harmonies

Analogous

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



40.3523, 44.5078, 48.9487



40.6927, 44.5078, 51.7935



41.4649, 44.5078, 53.8048

Triad

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



40.6927, 44.5078, 51.7935



44.1301, 44.5078, 50.9191



42.1340, 44.5078, 43.0043

Complementary

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



40.6927, 44.5078, 51.7935



40.5616, 40.9121, 41.3572

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.



43.1530, 44.5078, 43.4841



40.6927, 44.5078, 51.7935



44.3163, 44.5078, 47.9774

Square

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



40.6927, 44.5078, 51.7935



43.4513, 44.5078, 53.2857



43.9559, 44.5078, 45.2754



41.1757, 44.5078, 43.9375

Rectangle

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



40.6927, 44.5078, 51.7935



42.1264, 44.5078, 54.3596



43.9559, 44.5078, 45.2754



42.4807, 44.5078, 43.0061

Sweetspot

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



40.6940, 44.5097, 51.7945



79.8673, 84.9935, 94.4005



39.7122, 45.1026, 43.5860



17.0667, 18.2170, 20.3383



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.6940, 44.5097, 51.7945



72.2841, 79.6226, 93.7635



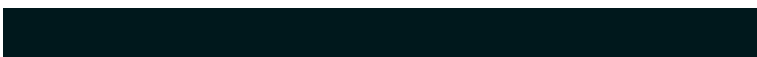
38.8556, 40.8329, 51.1817



9.1428, 9.9628, 11.5206



14.0806, 18.6209, 34.1051



0.5292, 0.7220, 1.2132

Inverse Universe

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



41.5638, 40.4378, 49.3329



74.1307, 71.0371, 88.5248



42.3508, 44.4905, 41.9536



9.3184, 9.1377, 11.0242



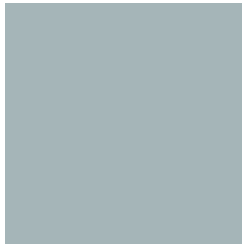
17.7209, 8.6621, 22.2149



0.6413, 0.3120, 0.8703

Previews

White Background



This preview shows how the XYZ color 40.6927, 44.5078, 51.7935 looks on a white background.

Color Contrast Check

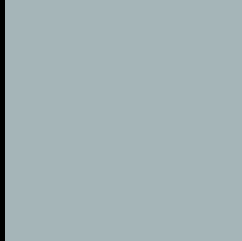
Large Text (above 18pt) WCAG AA × Fail

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 40.6927, 44.5078, 51.7935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

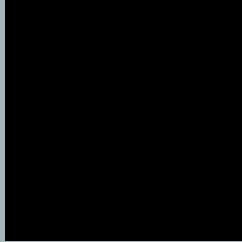
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

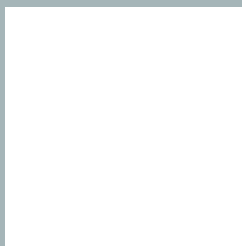
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6927, 44.5078, 51.7935

Background



This preview shows how black text looks on a background with the XYZ color 40.6927, 44.5078, 51.7935.



This preview shows how white text looks on a background with the XYZ color 40.6927, 44.5078,

51.7935.

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

40.6927, 44.5078, 51.7935

Protanopia

42.9880, 44.5250, 50.5844

Deuteranopia

45.1013, 44.1266, 52.5946



Tritanopia

41.7941, 44.3507, 57.3967

Trichromacy



Original Color

40.6927, 44.5078, 51.7935

Protanomaly

42.1468, 44.3736, 51.1433

Deuteranomaly

43.3783, 44.1078, 52.1263

Tritanomaly

41.3414, 44.4672, 55.1193

Monochromacy



Original Color

40.6927, 44.5078, 51.7935

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3922, 44.0203, 49.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6927, 44.5078, 51.7935 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(165, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 184)  
}
```

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(165, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 40.6927, 44.5078, 51.7935 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(165, 181, 184) }
```


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

```
.border{ border-color:rgb(165, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6927, 44.5078, 51.7935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 184) }
```

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

```
.background{ background-color: rgb(165,  
181, 184) }
```

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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