

Converting Colors

XYZ(40.5944, 44.1684, 51.1855)

Have a look what the booklet for
XYZ(40.5944, 44.1684, 51.1855)
contains.

XYZ(40.5944, 44.1684, 51.1855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.5944, 44.1684,
51.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B4B7
RGB	166, 180, 183
RGB Percent	65%, 71%, 72%
CMY	0.3490, 0.2941, 0.2823
CMYK	0.09, 0.02, 0.00, 0.28
HSL	191°, 11%, 68%
HSV	191°, 9%, 72%
XYZ	40.5944, 44.1684, 51.1855
YIQ	176.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

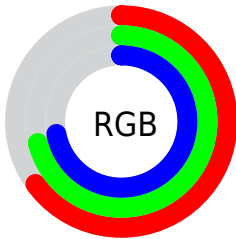
Format	Color
RYB	166, 174, 183
Decimal	10925239
CIELab	72.34, -4.24, -3.20
CIELCh	72, 5.310, 217.037
Yxy	44.1684, 0.2986, 0.3249
Android (android.graphics.Color)	4289115319 (0xFFA6B4B7)
YUV	176.1560, 3.3741, -8.9068
Hunter-Lab	66.4593, -7.2732, 0.8577

Details

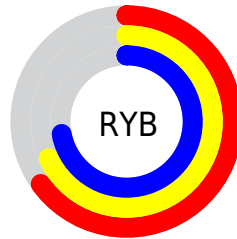
The XYZ color **40.5944, 44.1684, 51.1855** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5996, 41.1962, 41.8890**, and the grayscale version is **41.3357, 43.4883, 47.3588**.

A 20% lighter version of the original color is **75.3942, 81.5951, 93.4371**, and **18.5581, 20.3679, 24.0724** is the 20% darker color. If you saturate the color by 10%, you get **36.3844, 41.0435, 50.8049**, and if you desaturate by 10%, it is **45.3680, 47.6087, 51.5986**.

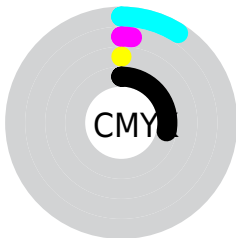
Distribution



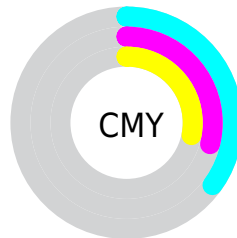
- Red (65%)
- Green (71%)
- Blue (72%)



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



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5944, 44.1684, 51.1855 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 40.5944, 44.1684, 51.1855 by changing the saturation by 10% instead.

■ 40.5944, 44.1684,
51.1855

■ 40.5944, 44.1684,
51.1855

339.7142,
363.3950, 408.1512

■ 28.1886, 30.8029,
35.9785

■ 75.3464, 81.4711,
93.3432

■ 18.6090, 20.4488,
24.1280

■ 98.4233, 106.1771,
121.1310

■ 11.4904, 12.7217,
15.2155

125.7879,
135.4320, 153.9495

■ 6.4674, 7.2372,
8.8225

157.8055,
169.6203, 192.2172

■ 3.1747, 3.6109,
4.5304

194.8417,
209.1264, 236.3527

■ 1.2468, 1.4584,
1.9206

237.2616,

■ 0.1428, 0.2592,

254.3346, 286.7745

0.5058

285.4306,
305.6294, 343.9012

■ 0.0000, 0.0000,
0.0000

■ 40.5944, 44.1684,
51.1855

■ 40.5944, 44.1684,
51.1855

■ 36.3844, 41.0435,
50.8049

■ 45.3680, 47.6087,
51.5986

■ 32.7112, 38.2165,
50.4528

■ 50.7230, 51.3703,
52.0425

■ 29.5513, 35.6763,
50.1291

■ 56.6813, 55.4656,
52.5189

■ 26.8782, 33.4091,
49.8324

■ 63.2623, 59.9050,
53.0289

■ 24.6626, 31.3998,
49.5613

■ 69.5581, 64.2204,
53.5300

■ 22.8725, 29.6314,
49.3143

■ 70.2944, 65.6930,
53.7755

■ 21.4710, 28.0850,
49.0897

■ 71.0464, 67.1971,
54.0262

■ 20.4152, 26.7382,
48.8854

■ 71.8144, 68.7329,
54.2821

■ 19.6247, 25.5495,
48.6976

■ 72.5982, 70.3006,
54.5434

Harmonies

Analogous

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



40.2618, 44.1684, 48.7107



40.5944, 44.1684, 51.1855



41.2993, 44.1684, 52.8732

Triad

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



40.5944, 44.1684, 51.1855



43.6186, 44.1684, 50.0809



41.7659, 44.1684, 43.2708

Complementary

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



40.5944, 44.1684, 51.1855



40.5996, 41.1962, 41.8890

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.



42.6696, 44.1684, 43.6078



40.5944, 44.1684, 51.1855



43.7480, 44.1684, 47.4783

Square

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



40.5944, 44.1684, 51.1855



43.0475, 44.1684, 52.2195



43.3983, 44.1684, 45.1255



40.9318, 44.1684, 44.1877

Rectangle

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



40.5944, 44.1684, 51.1855



41.8900, 44.1684, 53.2917



43.3983, 44.1684, 45.1255



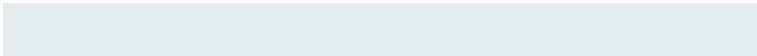
42.0716, 44.1684, 43.2418

Sweetspot

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



40.5957, 44.1703, 51.1865



77.9179, 82.8829, 92.1270



39.8059, 44.8330, 44.0106



17.0561, 18.1959, 20.3348



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.



40.5957, 44.1703, 51.1865



71.2020, 78.0052, 91.5395



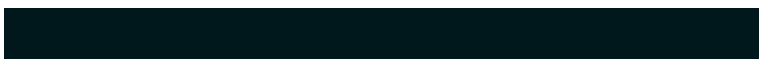
38.9631, 40.9050, 50.6423



9.1284, 9.9340, 11.5158



13.6982, 17.8561, 33.9777



0.5187, 0.7010, 1.2097

Inverse Universe

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



41.4039, 40.6359, 48.8435



72.9291, 70.5080, 86.5203



42.2001, 44.3973, 42.4226



9.3111, 9.1348, 10.9859



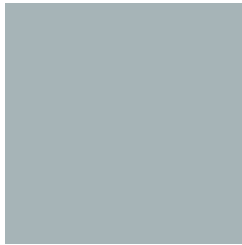
17.5279, 8.5849, 21.1985



0.6360, 0.3099, 0.8424

Previews

White Background



This preview shows how the XYZ color 40.5944, 44.1684, 51.1855 looks on a white background.

Color Contrast Check

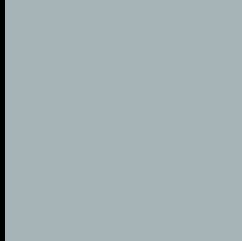
Large Text (above 18pt) WCAG AA × Fail

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 40.5944, 44.1684, 51.1855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

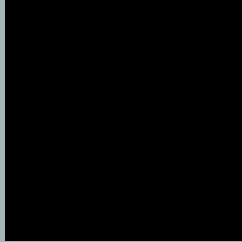
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

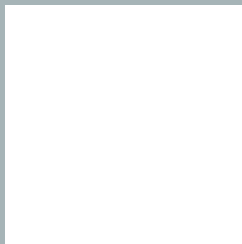
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5944, 44.1684, 51.1855

Background



This preview shows how black text looks on a background with the XYZ color 40.5944, 44.1684, 51.1855.



This preview shows how white text looks on a background with the XYZ color 40.5944, 44.1684,

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

40.5944, 44.1684, 51.1855

Protanopia

42.4562, 43.9706, 49.9655

Deuteranopia

44.9953, 44.0842, 52.0365



Tritanopia

41.6945, 44.0159, 56.7505

Trichromacy



Original Color

40.5944, 44.1684, 51.1855

Protanomaly

41.6212, 43.8204, 50.5205

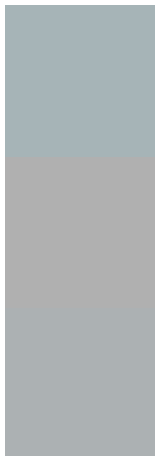
Deuteranomaly

43.2731, 44.0657, 51.5722

Tritanomaly

41.2418, 44.1298, 54.4883

Monochromacy



Original Color

40.5944, 44.1684, 51.1855

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8721, 43.4696, 48.8841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5944, 44.1684, 51.1855 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, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 183)  
}
```

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, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 183) }
```

Border

The CSS property to change the border of an element to XYZ 40.5944, 44.1684, 51.1855 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, 180, 183) }
```


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

```
.border{ border-color:rgb(166, 180, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5944, 44.1684, 51.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 183) }
```

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

```
.background{ background-color: rgb(166,  
180, 183) }
```

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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