

Converting Colors

XYZ(40.6925, 44.1948, 53.9634)

Have a look what the booklet for
XYZ(40.6925, 44.1948, 53.9634)
contains.

XYZ(40.7082, 44.1659, 53.9563)	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(40.7082, 44.1659,
53.9563)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B4BC
RGB	164, 180, 188
RGB Percent	64%, 71%, 74%
CMY	0.3569, 0.2941, 0.2627
CMYK	0.13, 0.04, 0.00, 0.26
HSL	200°, 15%, 69%
HSV	200°, 13%, 74%
XYZ	40.7082, 44.1659, 53.9563
YIQ	176.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

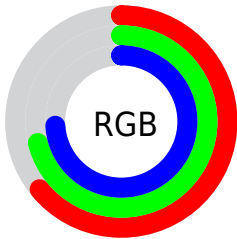
Format	Color
R_{YB}	164, 174, 188
Decimal	10794172
CIE _{Lab}	72.34, -3.88, -5.96
CIE _{LCh}	72, 7.110, 236.928
Yxy	44.1659, 0.2932, 0.3181
Android (android.graphics.Color)	4288984252 (0xFFA4B4BC)
YUV	176.1280, 5.8529, -10.6363
Hunter-Lab	66.4574, -6.9611, -1.6169

Details

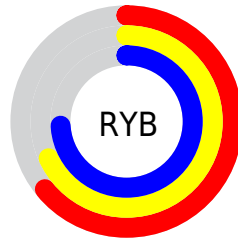
The XYZ color **40.7082, 44.1659, 53.9563** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1926, 42.8765, 41.1749**, and the grayscale version is **41.3096, 43.4609, 47.3289**.

A 20% lighter version of the original color is **75.5380, 81.5826, 97.3537**, and **18.6446, 20.3728, 25.8713** is the 20% darker color. If you saturate the color by 10%, you get **35.8756, 39.8405, 53.3768**, and if you desaturate by 10%, it is **46.1741, 48.9050, 54.5837**.

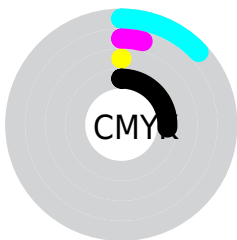
Distribution



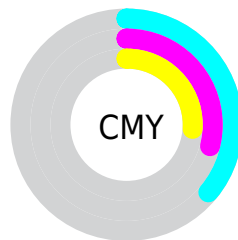
- Red (64%)
- Green (71%)
- Blue (74%)



- Red (64%)
- Yellow (68%)
- Blue (74%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7082, 44.1659, 53.9563 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 40.7082, 44.1659, 53.9563 by changing the saturation by 10% instead.

■ 40.7082, 44.1659,
53.9563

■ 40.7082, 44.1659,
53.9563

340.1830,
363.3848, 419.1133

■ 28.2778, 30.8010,
38.1738

■ 75.5182, 81.4673,
97.4658

■ 18.6767, 20.4473,
25.8147

■ 98.6286, 106.1726,
126.0299

■ 11.5395, 12.7206,
16.4606

126.0297,
135.4268, 159.6916

■ 6.5009, 7.2365,
9.6928

158.0868,
169.6142, 198.8695

■ 3.1955, 3.6104,
5.0928

195.1653,
209.1194, 243.9821

■ 1.2580, 1.4581,
2.2421

237.6307,

■ 0.1514, 0.2590,

254.3266, 295.4478

0.6985

285.8481,
305.6203, 353.6854

■ 0.0000, 0.0000,
0.0000

■ 40.7082, 44.1659,
53.9563

■ 40.7082, 44.1659,
53.9563

■ 35.8756, 39.8405,
53.3768

■ 46.1741, 48.9050,
54.5837

■ 31.6466, 35.9088,
52.8408

■ 52.2937, 54.0659,
55.2573

■ 27.9948, 32.3574,
52.3478

■ 59.0912, 59.6632,
55.9794

■ 24.8903, 29.1695,
51.8961

■ 66.5884, 65.7093,
56.7513

■ 22.3002, 26.3271,
51.4840

■ 73.6928, 71.6421,
57.5220

■ 20.1877, 23.8101,
51.1095

■ 75.2829, 74.8222,
58.0520

■ 18.5110, 21.5956,
50.7704

■ 76.9343, 78.1250,
58.6024

■ 17.2199, 19.6564,
50.4642

■ 78.6477, 81.5518,
59.1736

■ 16.4559, 18.3883,
50.2596

■ 80.4238, 85.1040,
59.7656

Harmonies

Analogous

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



39.9165, 44.1659, 51.2040



40.7082, 44.1659, 53.9563



41.8525, 44.1659, 55.1324

Triad

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



40.7082, 44.1659, 53.9563



44.3706, 44.1659, 48.4509



40.9224, 44.1659, 42.3312

Complementary

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



40.7082, 44.1659, 53.9563



42.1926, 42.8765, 41.1749

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.



42.1045, 44.1659, 41.6729



40.7082, 44.1659, 53.9563



44.1100, 44.1659, 45.1033

Square

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



40.7082, 44.1659, 53.9563



43.9799, 44.1659, 51.8585



43.2747, 44.1659, 42.6635



40.0385, 44.1659, 44.5070

Rectangle

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



40.7082, 44.1659, 53.9563



42.6668, 44.1659, 54.8239



43.2747, 44.1659, 42.6635



41.2974, 44.1659, 41.9298

Sweetspot

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



40.7095, 44.1677, 53.9573



82.3290, 87.4729, 98.7710



40.7018, 46.8229, 45.7219



17.5374, 18.6672, 21.2214



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.7095, 44.1677, 53.9573



71.5015, 78.0332, 97.5196



38.4643, 39.6773, 53.2089



9.5335, 10.2592, 12.1500



11.2744, 12.6605, 34.2424



0.4994, 0.6115, 1.3606

Inverse Universe

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



42.2537, 40.5385, 48.7799



74.8076, 70.3856, 86.4077



44.4981, 47.4875, 41.9434



9.7911, 9.6407, 11.2890



16.6916, 8.3078, 14.2013



0.6830, 0.3371, 0.7099

Previews

White Background



This preview shows how the XYZ color 40.7082, 44.1659, 53.9563 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 40.7082, 44.1659, 53.9563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

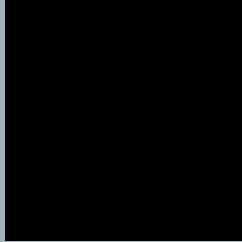
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

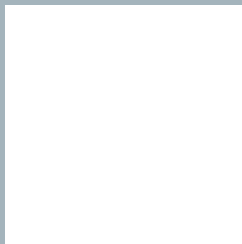
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7082, 44.1659, 53.9563

Background



This preview shows how black text looks on a background with the XYZ color 40.7082, 44.1659, 53.9563.



This preview shows how white text looks on a background with the XYZ color 40.7082, 44.1659,

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

40.7082, 44.1659, 53.9563

Protanopia

42.7484, 44.0608, 52.7059

Deuteranopia

45.0331, 44.0416, 54.8426



Tritanopia

41.2628, 44.0898, 56.7875

Trichromacy



Original Color

40.7082, 44.1659, 53.9563

Protanomaly

41.9254, 43.9164, 53.2807

Deuteranomaly

43.3377, 44.0374, 54.3600

Tritanomaly

41.0411, 44.0011, 55.6202

Monochromacy



Original Color

40.7082, 44.1659, 53.9563

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9736, 43.5102, 49.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7082, 44.1659, 53.9563 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(164, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(164, 180, 188)  
}
```

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(164, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.7082, 44.1659, 53.9563 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(164, 180, 188) }
```


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

```
.border{ border-color:rgb(164, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(164, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7082, 44.1659, 53.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 180, 188) }
```

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

```
.background{ background-color: rgb(164,  
180, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor