

Converting Colors

XYZ(40.8863, 43.0858, 53.5047)

Have a look what the booklet for
XYZ(40.8863, 43.0858, 53.5047)
contains.

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Color

**XYZ(40.9646, 43.1165,
53.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B0BC
RGB	169, 176, 188
RGB Percent	66%, 69%, 74%
CMY	0.3372, 0.3098, 0.2627
CMYK	0.10, 0.06, 0.00, 0.26
HSL	218°, 12%, 70%
HSV	218°, 10%, 74%
XYZ	40.9646, 43.1165, 53.7402
YIQ	175.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

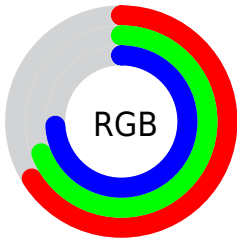
Format	Color
R _Y B	169, 174, 188
Decimal	11120828
CIE Lab	71.63, -0.05, -6.96
CIE LCh	72, 6.963, 269.587
Yxy	43.1165, 0.2972, 0.3128
Android (android.graphics.Color)	4289310908 (0xFFA9B0BC)
YUV	175.2750, 6.2734, -5.5032
Hunter-Lab	65.6632, -3.5516, -2.5601

Details

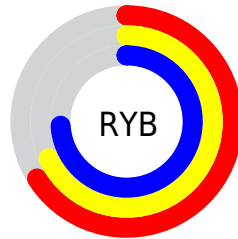
The XYZ color **40.9646, 43.1165, 53.7402** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4245, 46.6034, 44.1908**, and the grayscale version is **40.8625, 42.9905, 46.8167**.

A 20% lighter version of the original color is **75.9262, 80.0922, 97.0455**, and **18.9169, 19.9465, 25.7747** is the 20% darker color. If you saturate the color by 10%, you get **34.9912, 36.7325, 52.8235**, and if you desaturate by 10%, it is **47.7240, 50.2102, 54.7538**.

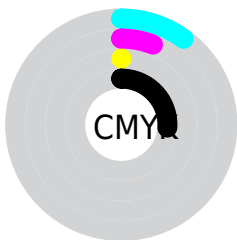
Distribution



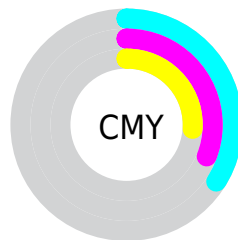
- Red (66%)
- Green (69%)
- Blue (74%)



- Red (66%)
- Yellow (68%)
- Blue (74%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9646, 43.1165, 53.7402 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 40.9646, 43.1165, 53.7402 by changing the saturation by 10% instead.

■ 40.9646, 43.1165,
53.7402

■ 40.9646, 43.1165,
53.7402

341.2378,
359.0907, 418.2651

■ 28.4790, 29.9765,
38.0022

■ 75.9052, 79.8866,
97.1452

■ 18.8293, 19.8208,
25.6826

■ 99.0909, 104.2856,
125.6494

■ 11.6503, 12.2648,
16.3627

126.5740,
133.2063, 159.2460

■ 6.5765, 6.9243,
9.6240

158.7198,
167.0333, 198.3536

■ 3.2427, 3.4148,
5.0481

195.8937,
206.1508, 243.3908

■ 1.2833, 1.3519,
2.2163

238.4611,

■ 0.1707, 0.1809,

250.9432, 294.7761

0.6837

286.7874,
301.7951, 352.9280

■ 0.0000, 0.0000,
0.0000

■ 40.9646, 43.1165,
53.7402

■ 40.9646, 43.1165,
53.7402

■ 34.9912, 36.7325,
52.8235

■ 47.7240, 50.2102,
54.7538

■ 29.7703, 31.0298,
51.9979

■ 55.2938, 58.0302,
55.8643

■ 25.2713, 25.9856,
51.2614

■ 63.7020, 66.5991,
57.0751

■ 21.4600, 21.5742,
50.6108

■ 72.9741, 75.9371,
58.3888

■ 18.2993, 17.7675,
50.0426

■ 80.1288, 84.5140,
59.6672

■ 15.7482, 14.5352,
49.5532

■ 83.6488, 91.5540,
60.8405

■ 13.7607, 11.8438,
49.1384

■ 86.0772, 96.4109,
61.6500

■ 12.2830, 9.6553,
48.7939

■ 11.2232, 7.9228,
48.5153

Harmonies

Analogous

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



39.8444, 43.1165, 52.7690



40.9646, 43.1165, 53.7402



42.1101, 43.1165, 52.8196

Triad

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



40.9646, 43.1165, 53.7402



42.9834, 43.1165, 43.8144



39.0575, 43.1165, 43.7371

Complementary

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



40.9646, 43.1165, 53.7402



44.4245, 46.6034, 44.1908

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.



39.8722, 43.1165, 41.5258



40.9646, 43.1165, 53.7402



42.1389, 43.1165, 41.5689

Square

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



40.9646, 43.1165, 53.7402



43.2891, 43.1165, 46.9934



40.9973, 43.1165, 40.7510



38.7563, 43.1165, 46.8998

Rectangle

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



40.9646, 43.1165, 53.7402



42.7307, 43.1165, 51.2810



40.9973, 43.1165, 40.7510



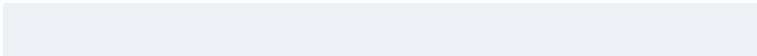
39.2796, 43.1165, 42.8634

Sweetspot

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



40.9659, 43.1183, 53.7412



82.7364, 87.0795, 98.6735



42.6576, 47.7268, 50.5284



17.5753, 18.4992, 21.1869



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.



40.9659, 43.1183, 53.7412



71.8645, 75.6209, 97.0348



40.1076, 40.6899, 53.3176



9.2967, 9.7858, 12.0711



7.7068, 5.5253, 33.0532



0.3650, 0.3426, 1.3157

Inverse Universe

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



42.7645, 42.2028, 46.9684



75.7569, 73.6984, 82.3644



45.3424, 49.2437, 44.6521



9.6716, 9.5930, 10.6598



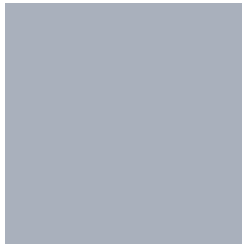
14.8908, 7.5875, 4.7186



0.6151, 0.3099, 0.3525

Previews

White Background



This preview shows how the XYZ color 40.9646, 43.1165, 53.7402 looks on a white background.

Color Contrast Check

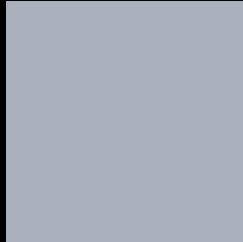
Large Text (above 18pt) WCAG AA × Fail

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 40.9646, 43.1165, 53.7402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

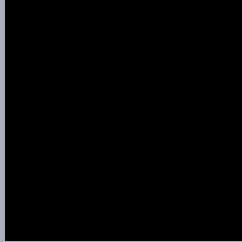
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9646, 43.1165, 53.7402

Background



This preview shows how black text looks on a background with the XYZ color 40.9646, 43.1165, 53.7402.

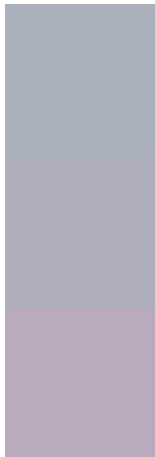


This preview shows how white text looks on a background with the XYZ color 40.9646, 43.1165,

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

40.9646, 43.1165, 53.7402

Protanopia

41.7849, 42.9739, 53.1062

Deuteranopia

43.8097, 42.8627, 54.1084



Tritanopia

41.1818, 43.2034, 54.8838

Trichromacy



Original Color

40.9646, 43.1165, 53.7402

Protanomaly

41.5332, 43.1320, 53.1500

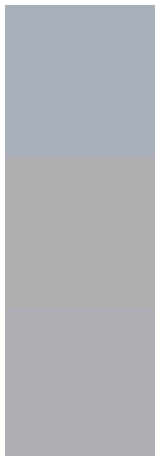
Deuteranomaly

42.7602, 42.8825, 54.1676

Tritanomaly

41.0728, 43.1598, 54.3100

Monochromacy



Original Color

40.9646, 43.1165, 53.7402

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8018, 42.8395, 49.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9646, 43.1165, 53.7402 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(169, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 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(169, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.9646, 43.1165, 53.7402 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(169, 176, 188) }
```


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

```
.border{ border-color:rgb(169, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 176,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9646, 43.1165, 53.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 176, 188) }
```

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

```
.background{ background-color: rgb(169,  
176, 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](#).

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