

Converting Colors

XYZ(40.9170, 43.9310, 50.5378)

Have a look what the booklet for
XYZ(40.9170, 43.9310, 50.5378)
contains.

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Color

**XYZ(40.9258, 44.0526,
50.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B3B6
RGB	169, 179, 182
RGB Percent	66%, 70%, 71%
CMY	0.3372, 0.2980, 0.2863
CMYK	0.07, 0.02, 0.00, 0.29
HSL	194°, 8%, 69%
HSV	194°, 7%, 71%
XYZ	40.9258, 44.0526, 50.6020
YIQ	176.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

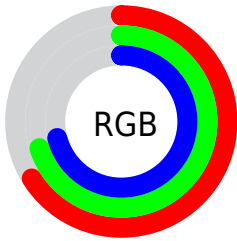
Format	Color
RYB	169, 175, 182
Decimal	11121590
CIELab	72.26, -2.88, -2.74
CIElCh	72, 3.977, 223.520
Yxy	44.0526, 0.3019, 0.3249
Android (android.graphics.Color)	4289311670 (0xFFA9B3B6)
YUV	176.3520, 2.7845, -6.4477
Hunter-Lab	66.3721, -6.0861, 1.2579

Details

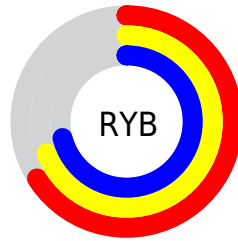
The XYZ color **40.9258, 44.0526, 50.6020** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2056, 42.3145, 43.5326**, and the grayscale version is **41.4401, 43.5982, 47.4784**.

A 20% lighter version of the original color is **75.8814, 81.4370, 92.6085**, and **18.7594, 20.2886, 23.6962** is the 20% darker color. If you saturate the color by 10%, you get **36.4619, 40.5229, 50.1567**, and if you desaturate by 10%, it is **45.9614, 47.9174, 51.0833**.

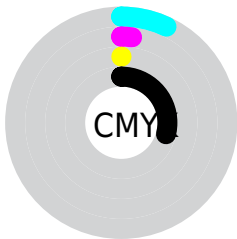
Distribution



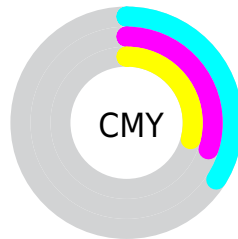
- Red (66%)
- Green (70%)
- Blue (71%)



- Red (66%)
- Yellow (69%)
- Blue (71%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9258, 44.0526, 50.6020 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 40.9258, 44.0526, 50.6020 by changing the saturation by 10% instead.

■ 40.9258, 44.0526,
50.6020

■ 40.9258, 44.0526,
50.6020

341.0783,
362.9229, 405.8178

■ 28.4485, 30.7119,
35.5174

■ 75.8467, 81.2969,
92.4717

■ 18.8062, 20.3795,
23.7750

■ 99.0210, 105.9692,
120.0938

■ 11.6335, 12.6712,
14.9561

126.4916,
135.1876, 152.7323

■ 6.5651, 7.2025,
8.6423

158.6241,
169.3363, 190.8056

■ 3.2355, 3.5891,
4.4150

195.7836,
208.7998, 234.7322

■ 1.2795, 1.4465,
1.8557

238.3356,

■ 0.1678, 0.2506,

253.9624, 284.9308

0.4643

286.6453,
305.2087, 341.8198

■ 0.0000, 0.0000,
0.0000

■ 40.9258, 44.0526,
50.6020

■ 40.9258, 44.0526,
50.6020

■ 36.4619, 40.5229,
50.1567

■ 45.9614, 47.9174,
51.0833

■ 32.5433, 37.3108,
49.7432

■ 51.5861, 52.1230,
51.5986

■ 29.1472, 34.4054,
49.3614

■ 57.8213, 56.6820,
52.1499

■ 26.2476, 31.7930,
49.0100

■ 64.6861, 61.6046,
52.7382

■ 23.8163, 29.4586,
48.6875

■ 70.3346, 65.9394,
53.2772

■ 21.8220, 27.3857,
48.3925

■ 71.3198, 67.9098,
53.6056

■ 20.2296, 25.5560,
48.1233

■ 72.3319, 69.9339,
53.9430

■ 18.9980, 23.9479,
47.8778

■ 73.3710, 72.0123,
54.2894

■ 18.0686, 22.5308,
47.6533

■ 74.4375, 74.1452,
54.6449

Harmonies

Analogous

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



40.6070, 44.0526, 48.8503



40.9258, 44.0526, 50.6020



41.4993, 44.0526, 51.6627

Triad

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



40.9258, 44.0526, 50.6020



43.1424, 44.0526, 49.0404



41.5645, 44.0526, 44.4019

Complementary

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



40.9258, 44.0526, 50.6020



41.2056, 42.3145, 43.5326

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.



42.2442, 44.0526, 44.4496



40.9258, 44.0526, 50.6020



43.1603, 44.0526, 47.0921

Square

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



40.9258, 44.0526, 50.6020



42.7813, 44.0526, 50.7445



42.8300, 44.0526, 45.4228



40.9730, 44.0526, 45.2905

Rectangle

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



40.9258, 44.0526, 50.6020



41.9513, 44.0526, 51.8177



42.8300, 44.0526, 45.4228



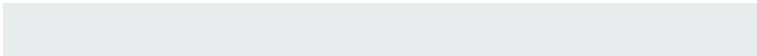
41.7901, 44.0526, 44.3097

Sweetspot

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



40.9271, 44.0545, 50.6030



78.7307, 83.3706, 92.1783



40.5197, 44.8632, 45.4621



17.4105, 18.4303, 20.3614



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.



40.9271, 44.0545, 50.6030



72.4909, 78.5349, 91.5738



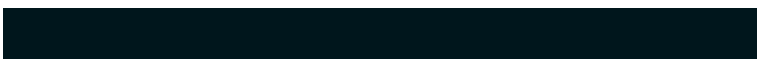
39.6894, 41.5791, 50.1904



9.0864, 9.8500, 11.5018



12.6414, 15.7425, 33.6254



0.4892, 0.6421, 1.1999

Inverse Universe

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



41.6171, 41.5766, 48.4816



74.0795, 72.8822, 86.6778



42.4371, 44.7774, 43.9431



9.2900, 9.1264, 10.8743



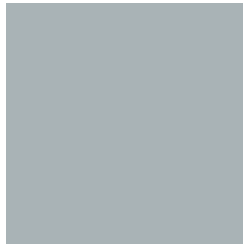
16.9945, 8.3715, 18.3895



0.6211, 0.3039, 0.7640

Previews

White Background



This preview shows how the XYZ color 40.9258, 44.0526, 50.6020 looks on a white background.

Color Contrast Check

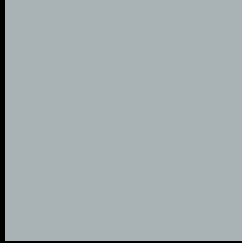
Large Text (above 18pt) WCAG AA × Fail

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 40.9258, 44.0526, 50.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

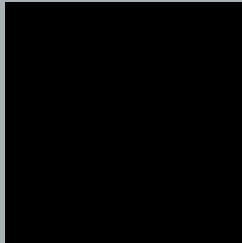
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

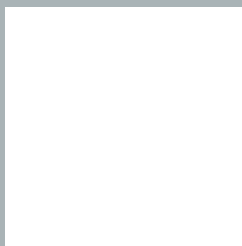
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9258, 44.0526, 50.6020

Background



This preview shows how black text looks on a background with the XYZ color 40.9258, 44.0526, 50.6020.



This preview shows how white text looks on a background with the XYZ color 40.9258, 44.0526,

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

40.9258, 44.0526, 50.6020

Protanopia

42.3540, 43.9297, 49.4270

Deuteranopia

44.7856, 44.0003, 50.9322



Tritanopia

42.2294, 44.3045, 56.1951

Trichromacy



Original Color

40.9258, 44.0526, 50.6020

Protanomaly

41.7418, 43.8944, 49.9885

Deuteranomaly

43.4057, 44.1461, 51.0331

Tritanomaly

41.5751, 44.0177, 53.8820

Monochromacy



Original Color

40.9258, 44.0526, 50.6020

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9916, 43.5429, 48.3636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9258, 44.0526, 50.6020 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, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(169, 179, 182)  
}
```

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, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 179, 182) }
```

Border

The CSS property to change the border of an element to XYZ 40.9258, 44.0526, 50.6020 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, 179, 182) }
```


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

```
.border{ border-color:rgb(169, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(169, 179,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9258, 44.0526, 50.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 179, 182) }
```

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

```
.background{ background-color: rgb(169,  
179, 182) }
```

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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