

Converting Colors

XYZ(42.5938, 46.0223, 55.3558)

Have a look what the booklet for
XYZ(42.5938, 46.0223, 55.3558)
contains.

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Color

**XYZ(42.5899, 46.0197,
55.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B7BE
RGB	169, 183, 190
RGB Percent	66%, 72%, 75%
CMY	0.3372, 0.2823, 0.2549
CMYK	0.11, 0.04, 0.00, 0.25
HSL	200°, 14%, 70%
HSV	200°, 11%, 75%
XYZ	42.5899, 46.0197, 55.3532
YIQ	179.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

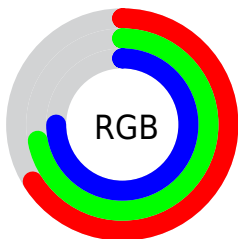
Format	Color
RYB	169, 177, 190
Decimal	11122622
CIELab	73.56, -3.41, -5.21
CIELCh	74, 6.230, 236.762
Yxy	46.0197, 0.2958, 0.3197
Android (android.graphics.Color)	4289312702 (0xFFA9B7BE)
YUV	179.6120, 5.1213, -9.3067
Hunter-Lab	67.8378, -6.6504, -0.8920

Details

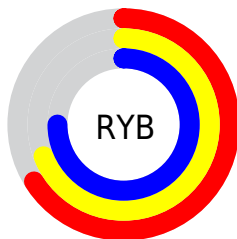
The XYZ color **42.5899, 46.0197, 55.3532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9221, 44.8620, 43.8811**, and the grayscale version is **43.1531, 45.4004, 49.4411**.

A 20% lighter version of the original color is **78.2415, 84.2341, 99.3238**, and **19.8341, 21.5533, 26.7817** is the 20% darker color. If you saturate the color by 10%, you get **37.5300, 41.5173, 54.7516**, and if you desaturate by 10%, it is **48.3036, 50.9488, 56.0042**.

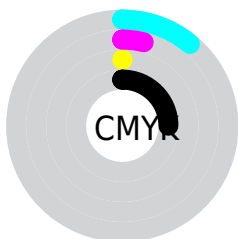
Distribution



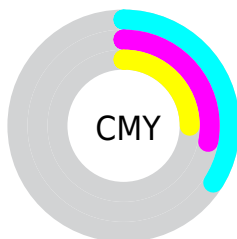
- Red (66%)
- Green (72%)
- Blue (75%)



- Red (66%)
- Yellow (69%)
- Blue (75%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5899, 46.0197, 55.3532 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 42.5899, 46.0197, 55.3532 by changing the saturation by 10% instead.

■ 42.5899, 46.0197,
55.3532

■ 42.5899, 46.0197,
55.3532

347.8727,
370.8878, 424.5690

■ 29.7566, 32.2614,
39.2841

■ 78.3512, 84.2485,
99.5346

■ 19.8011, 21.5612,
26.6713

102.0099,
109.4877, 128.4839

■ 12.3579, 13.5348,
17.0962

130.0079,
139.3227, 162.5638

■ 7.0619, 7.7979,
10.1404

162.7103,
174.1379, 202.1926

■ 3.5475, 3.9659,
5.3854

200.4827,
214.3175, 247.7890

■ 1.4495, 1.6545,
2.4124

243.6903,

■ 0.2911, 0.3939,

260.2462, 299.7715

0.7932

292.6985,
312.3081, 358.5587

■ 0.0000, 0.0000,
0.0000

■ 42.5899, 46.0197,
55.3532

■ 42.5899, 46.0197,
55.3532

■ 37.5300, 41.5173,
54.7516

■ 48.3036, 50.9488,
56.0042

■ 33.0937, 37.4212,
54.1947

■ 54.6916, 56.3127,
56.7028

■ 29.2542, 33.7177,
53.6823

■ 61.7787, 62.1263,
57.4514

■ 25.9812, 30.3900,
53.2125

■ 69.5871, 68.4022,
58.2513

■ 23.2415, 27.4197,
52.7835

■ 74.7479, 73.4048,
58.9449

■ 20.9983, 24.7867,
52.3935

■ 76.3880, 76.6849,
59.4915

■ 19.2095, 22.4680,
52.0403

■ 78.0911, 80.0911,
60.0592

■ 17.8254, 20.4366,
51.7211

■ 79.8579, 83.6247,
60.6482

■ 16.8442, 18.8174,
51.4603

■ 81.6891, 87.2871,
61.2586

Harmonies

Analogous

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



41.8767, 46.0197, 52.8884



42.5899, 46.0197, 55.3532



43.6209, 46.0197, 56.4097

Triad

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



42.5899, 46.0197, 55.3532



45.8888, 46.0197, 50.4509



42.7937, 46.0197, 44.8854

Complementary

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



42.5899, 46.0197, 55.3532



43.9221, 44.8620, 43.8811

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.



43.8601, 46.0197, 44.2933



42.5899, 46.0197, 55.3532



45.6585, 46.0197, 47.4261

Square

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



42.5899, 46.0197, 55.3532



45.5355, 46.0197, 53.5058



44.9113, 46.0197, 45.2044



41.9930, 46.0197, 46.8565

Rectangle

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



42.5899, 46.0197, 55.3532



44.3539, 46.0197, 56.1418



44.9113, 46.0197, 45.2044



43.1325, 46.0197, 44.5221

Sweetspot

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



42.5912, 46.0216, 55.3542



85.3692, 90.4807, 101.2442



42.5782, 48.3835, 47.9885



18.5559, 19.7057, 22.2109



92.9021, 97.7402, 106.4391



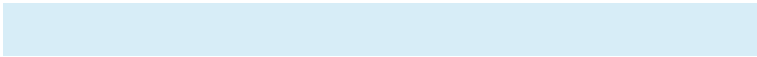
19.4759, 20.4902, 22.3138

Same Dimension

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



42.5912, 46.0216, 55.3542



75.1029, 81.5713, 100.0656



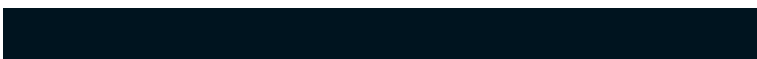
40.5720, 41.9831, 54.6811



9.5335, 10.2593, 12.1500



11.2748, 12.6613, 34.2425



0.4994, 0.6115, 1.3606

Inverse Universe

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



43.9714, 42.7428, 50.7347



78.0642, 74.6310, 90.1329



45.9879, 48.9936, 44.5697



9.7911, 9.6407, 11.2890



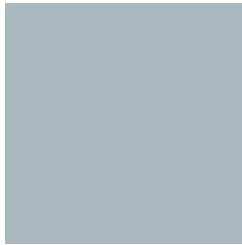
16.6917, 8.3079, 14.2022



0.6830, 0.3371, 0.7099

Previews

White Background



This preview shows how the XYZ color 42.5899, 46.0197, 55.3532 looks on a white background.

Color Contrast Check

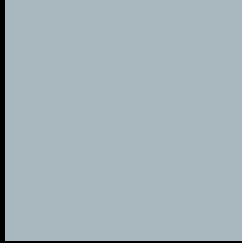
Large Text (above 18pt) WCAG AA × Fail

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 42.5899, 46.0197, 55.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

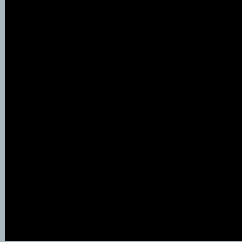
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

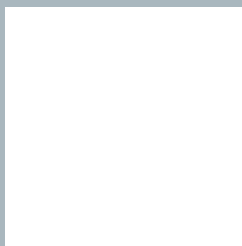
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5899, 46.0197, 55.3532

Background



This preview shows how black text looks on a background with the XYZ color 42.5899, 46.0197, 55.3532.



This preview shows how white text looks on a background with the XYZ color 42.5899, 46.0197,

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

42.5899, 46.0197, 55.3532

Protanopia

44.4886, 45.8161, 54.0755

Deuteranopia

46.8367, 45.8032, 56.2415



Tritanopia

43.2693, 45.9875, 58.8205

Trichromacy



Original Color

42.5899, 46.0197, 55.3532

Protanomaly

43.6380, 45.6638, 54.6581

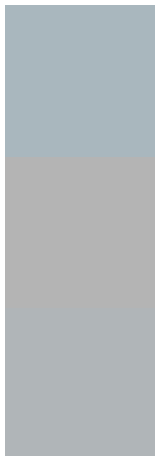
Deuteranomaly

45.0915, 45.7927, 55.7525

Tritanomaly

43.0431, 45.8970, 57.6293

Monochromacy



Original Color

42.5899, 46.0197, 55.3532

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.0801, 45.7385, 51.9053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5899, 46.0197, 55.3532 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, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(169, 183, 190)  
}
```

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, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 183, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.5899, 46.0197, 55.3532 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, 183, 190) }
```


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

```
.border{ border-color:rgb(169, 183, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(169, 183,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5899, 46.0197, 55.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 183, 190) }
```

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

```
.background{ background-color: rgb(169,  
183, 190) }
```

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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