

Converting Colors

XYZ(43.0179, 47.5331, 55.7272)

Have a look what the booklet for
XYZ(43.0179, 47.5331, 55.7272)
contains.

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Color

**XYZ(43.0009, 47.4738,
55.6122)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BBBE
RGB	167, 187, 190
RGB Percent	65%, 73%, 75%
CMY	0.3451, 0.2667, 0.2549
CMYK	0.12, 0.02, 0.00, 0.25
HSL	188°, 15%, 70%
HSV	188°, 12%, 75%
XYZ	43.0009, 47.4738, 55.6122
YIQ	181.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

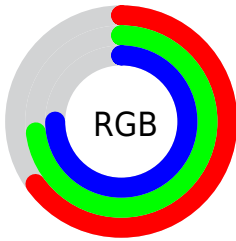
Format	Color
RYB	167, 178, 190
Decimal	10992574
CIELab	74.49, -6.21, -3.85
CIELCh	74, 7.308, 211.788
Yxy	47.4738, 0.2944, 0.3250
Android (android.graphics.Color)	4289182654 (0xFFA7BBBE)
YUV	181.3620, 4.2585, -12.5955
Hunter-Lab	68.9012, -9.1762, 0.3762

Details

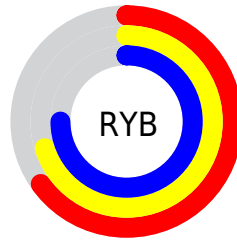
The XYZ color **43.0009, 47.4738, 55.6122** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5853, 42.4864, 42.5162**, and the grayscale version is **44.1006, 46.3973, 50.5266**.

A 20% lighter version of the original color is **78.8093, 86.2846, 99.6897**, and **20.1107, 22.5012, 26.9501** is the 20% darker color. If you saturate the color by 10%, you get **38.7578, 44.5145, 55.2654**, and if you desaturate by 10%, it is **47.8456, 50.7592, 55.9917**.

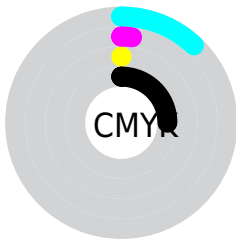
Distribution



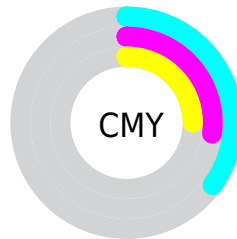
- Red (65%)
- Green (73%)
- Blue (75%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0009, 47.4738, 55.6122 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 43.0009, 47.4738, 55.6122 by changing the saturation by 10% instead.

■ 43.0009, 47.4738,
55.6122

■ 43.0009, 47.4738,
55.6122

349.5369,
376.7026, 425.5756

■ 30.0803, 33.4104,
39.4902

■ 78.9679, 86.4204,
99.9175

■ 20.0480, 22.4410,
26.8305

■ 102.7451,
112.0724, 128.9378

■ 12.5384, 14.1813,
17.2147

130.8719,
142.3560, 163.0947

■ 7.1862, 8.2469,
10.2241

163.7136,
177.6557, 202.8066

■ 3.6262, 4.2533,
5.4402

201.6356,
218.3558, 248.4921

■ 1.4929, 1.8163,
2.4446

245.0032,

■ 0.3210, 0.4973,

264.8407, 300.5697

0.8106

294.1819,
317.4948, 359.4580

■ 0.0000, 0.0000,
0.0000

■ 43.0009, 47.4738,
55.6122

■ 43.0009, 47.4738,
55.6122

■ 38.7578, 44.5145,
55.2654

■ 47.8456, 50.7592,
55.9917

■ 35.0864, 41.8621,
54.9469

■ 53.3118, 54.3772,
56.4020

■ 31.9607, 39.5043,
54.6566

■ 59.4236, 58.3417,
56.8451

■ 29.3507, 37.4256,
54.3929

■ 66.2028, 62.6638,
57.3220

■ 27.2238, 35.6091,
54.1544

■ 71.0464, 66.0018,
57.7110

■ 25.5433, 34.0359,
53.9393

■ 71.6223, 67.1534,
57.9030

■ 24.2673, 32.6842,
53.7456

■ 72.2074, 68.3237,
58.0980

■ 23.3459, 31.5284,
53.5711

■ 72.8019, 69.5128,
58.2962

■ 22.7929, 30.7148,
53.4432

■ 73.4058, 70.7206,
58.4975

Harmonies

Analogous

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



42.6347, 47.4738, 51.9179



43.0009, 47.4738, 55.6122



43.9341, 47.4738, 58.3591

Triad

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



43.0009, 47.4738, 55.6122



47.3943, 47.4738, 55.2010



45.0433, 47.4738, 44.7658

Complementary

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



43.0009, 47.4738, 55.6122



42.5853, 42.4864, 42.5162

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.



46.3319, 47.4738, 45.5511



43.0009, 47.4738, 55.6122



47.7050, 47.4738, 51.4645

Square

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



43.0009, 47.4738, 55.6122



46.4716, 47.4738, 58.1136



47.3126, 47.4738, 47.9584



43.7996, 47.4738, 45.7597

Rectangle

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



43.0009, 47.4738, 55.6122



44.7612, 47.4738, 59.2180



47.3126, 47.4738, 47.9584



45.4856, 47.4738, 44.8303

Sweetspot

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



43.0023, 47.4758, 55.6133



84.8943, 90.7686, 101.3248



41.5763, 47.9335, 44.9349



18.4901, 19.8297, 22.2383



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.



43.0023, 47.4758, 55.6133



75.3970, 84.2862, 100.5741



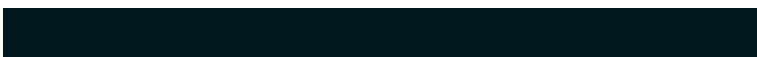
40.7208, 42.9128, 54.8528



9.6997, 10.5916, 12.2054



15.1966, 20.5048, 35.5498



0.6252, 0.8630, 1.4025

Inverse Universe

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



44.0246, 42.1734, 52.8359



77.6935, 72.4951, 94.3084



44.7722, 46.8603, 43.2452



9.8750, 9.6743, 11.7308



18.6713, 9.0997, 24.6264



0.7465, 0.3625, 1.0442

Previews

White Background



This preview shows how the XYZ color 43.0009, 47.4738, 55.6122 looks on a white background.

Color Contrast Check

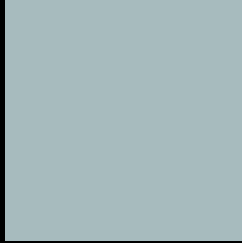
Large Text (above 18pt) WCAG AA × Fail

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 43.0009, 47.4738, 55.6122 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

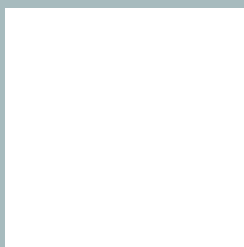
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0009, 47.4738, 55.6122

Background



This preview shows how black text looks on a background with the XYZ color 43.0009, 47.4738, 55.6122.



This preview shows how white text looks on a background with the XYZ color 43.0009, 47.4738,

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

43.0009, 47.4738, 55.6122

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

48.4608, 47.5169, 56.4867



Tritanopia

44.1365, 47.3031, 61.4477

Trichromacy



Original Color

43.0009, 47.4738, 55.6122

Protanomaly

44.5777, 47.3768, 54.3721

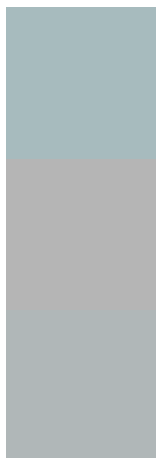
Deuteranomaly

46.1775, 47.2484, 55.9763

Tritanomaly

43.6712, 47.4282, 59.0774

Monochromacy



Original Color

43.0009, 47.4738, 55.6122

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4897, 46.5578, 52.0418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0009, 47.4738, 55.6122 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(167, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 187, 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(167, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 187, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.0009, 47.4738, 55.6122 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(167, 187, 190) }
```


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

```
.border{ border-color:rgb(167, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(167, 187,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0009, 47.4738, 55.6122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 187, 190) }
```

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

```
.background{ background-color: rgb(167,  
187, 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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