

Converting Colors

XYZ(43.2041, 47.6904, 54.8760)

Have a look what the booklet for
XYZ(43.2041, 47.6904, 54.8760)
contains.

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Color

**XYZ(43.1041, 47.5396,
55.0483)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BBBD
RGB	168, 187, 189
RGB Percent	66%, 73%, 74%
CMY	0.3412, 0.2667, 0.2588
CMYK	0.11, 0.01, 0.00, 0.26
HSL	186°, 14%, 70%
HSV	186°, 11%, 74%
XYZ	43.1041, 47.5396, 55.0483
YIQ	181.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

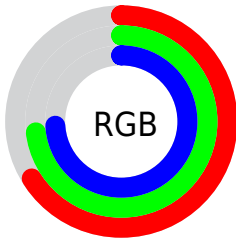
Format	Color
RYB	168, 178, 189
Decimal	11058109
CIELab	74.53, -6.08, -3.24
CIElCh	75, 6.891, 208.000
Yxy	47.5396, 0.2959, 0.3263
Android (android.graphics.Color)	4289248189 (0xFFA8BBBD)
YUV	181.5470, 3.6743, -11.8807
Hunter-Lab	68.9490, -9.0697, 0.9276

Details

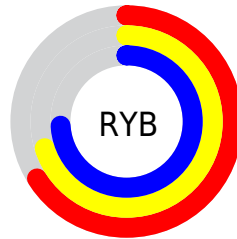
The XYZ color **43.1041, 47.5396, 55.0483** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4292, 42.3953, 42.9935**, and the grayscale version is **44.2037, 46.5057, 50.6447**.

A 20% lighter version of the original color is **78.9634, 86.3817, 98.8977**, and **20.1715, 22.5408, 26.5802** is the 20% darker color. If you saturate the color by 10%, you get **38.9906, 44.8577, 54.7482**, and if you desaturate by 10%, it is **47.8099, 50.5365, 55.3795**.

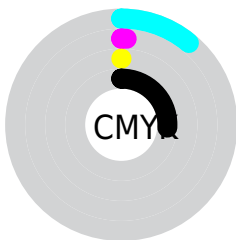
Distribution



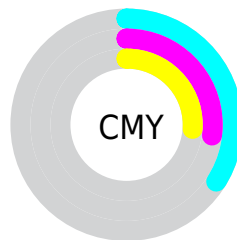
- Red (66%)
- Green (73%)
- Blue (74%)



- Red (66%)
- Yellow (70%)
- Blue (74%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1041, 47.5396, 55.0483 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 43.1041, 47.5396, 55.0483 by changing the saturation by 10% instead.

■ 43.1041, 47.5396,
55.0483

■ 43.1041, 47.5396,
55.0483

349.9540,
376.9643, 423.3821

■ 30.1617, 33.4624,
39.0415

■ 79.1227, 86.5185,
99.0836

■ 20.1100, 22.4809,
26.4840

■ 102.9295,
112.1891, 127.9492

■ 12.5838, 14.2107,
16.9570

131.0885,
142.4928, 161.9381

■ 7.2176, 8.2674,
10.0422

163.9651,
177.8143, 201.4690

■ 3.6461, 4.2665,
5.3210

201.9246,
218.5377, 246.9602

■ 1.5039, 1.8237,
2.3748

245.3323,

■ 0.3285, 0.5019,

265.0476, 298.8305

0.7727

294.5537,
317.7284, 357.4983

■ 0.0000, 0.0000,
0.0000

■ 43.1041, 47.5396,
55.0483

■ 43.1041, 47.5396,
55.0483

■ 38.9906, 44.8577,
54.7482

■ 47.8099, 50.5365,
55.3795

■ 35.4403, 42.4719,
54.4748

■ 53.1276, 53.8546,
55.7397

■ 32.4275, 40.3703,
54.2280

■ 59.0808, 57.5076,
56.1310

■ 29.9230, 38.5377,
54.0062

■ 65.6908, 61.5062,
56.5544

■ 27.8949, 36.9577,
53.8081

■ 70.1635, 64.4102,
56.8792

■ 26.3076, 35.6119,
53.6320

■ 70.5713, 65.2260,
57.0152

■ 25.1202, 34.4792,
53.4760

■ 70.9841, 66.0515,
57.1528

■ 24.2847, 33.5347,
53.3377

■ 71.4017, 66.8867,
57.2920

■ 23.7533, 32.8099,
53.2258

■ 71.8243, 67.7318,
57.4328

Harmonies

Analogous

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



42.8345, 47.5396, 51.5236



43.1041, 47.5396, 55.0483



43.9282, 47.5396, 57.7970

Triad

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



43.1041, 47.5396, 55.0483



47.2456, 47.5396, 55.4813



45.2686, 47.5396, 45.2088

Complementary

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



43.1041, 47.5396, 55.0483



42.4292, 42.3953, 42.9935

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.



46.4654, 47.5396, 46.1635



43.1041, 47.5396, 55.0483



47.6198, 47.5396, 52.0022

Square

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



43.1041, 47.5396, 55.0483



46.3181, 47.5396, 58.0549



47.3317, 47.5396, 48.6102



44.0704, 47.5396, 45.9421

Rectangle

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



43.1041, 47.5396, 55.0483



44.6891, 47.5396, 58.7623



47.3317, 47.5396, 48.6102



45.6845, 47.5396, 45.3420

Sweetspot

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



43.1055, 47.5416, 55.0494



83.9097, 89.4260, 99.0646



41.5789, 47.6136, 44.9061



17.8932, 19.1349, 21.2929



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.



43.1055, 47.5416, 55.0494



75.5692, 84.0923, 98.4747



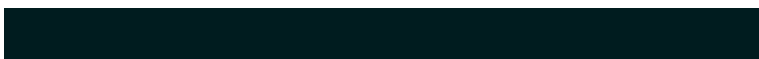
41.0074, 43.3454, 54.3500



9.7289, 10.6502, 12.2151



16.0122, 22.1362, 35.8217



0.6500, 0.9127, 1.4108

Inverse Universe

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



43.9596, 42.4129, 52.8856



77.3676, 73.3501, 93.9063



44.4267, 46.3903, 43.6594



9.8898, 9.6802, 11.8086



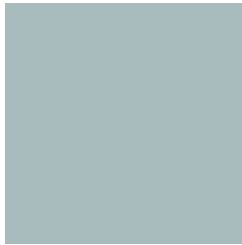
19.0830, 9.2644, 26.7944



0.7590, 0.3675, 1.1102

Previews

White Background



This preview shows how the XYZ color 43.1041, 47.5396, 55.0483 looks on a white background.

Color Contrast Check

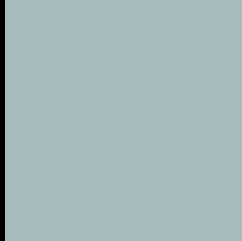
Large Text (above 18pt) WCAG AA × Fail

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 43.1041, 47.5396, 55.0483 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

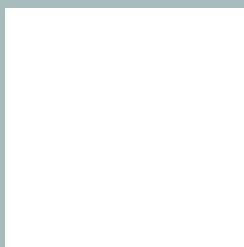
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1041, 47.5396, 55.0483

Background



This preview shows how black text looks on a background with the XYZ color 43.1041, 47.5396, 55.0483.



This preview shows how white text looks on a background with the XYZ color 43.1041, 47.5396,

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

43.1041, 47.5396, 55.0483

Protanopia

45.5985, 47.3154, 53.1839

Deuteranopia

48.3503, 47.4727, 55.9050



Tritanopia

44.3519, 47.4141, 61.4578

Trichromacy



Original Color

43.1041, 47.5396, 55.0483

Protanomaly

44.7005, 47.4525, 53.8170

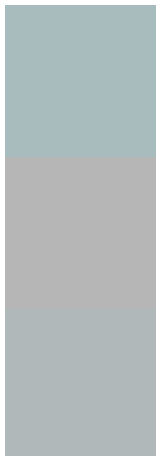
Deuteranomaly

46.0678, 47.2046, 55.3986

Tritanomaly

43.8849, 47.5383, 59.0874

Monochromacy



Original Color

43.1041, 47.5396, 55.0483

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.0289, 47.1309, 52.6755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1041, 47.5396, 55.0483 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(168, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 189)  
}
```

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(168, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 189) }
```

Border

The CSS property to change the border of an element to XYZ 43.1041, 47.5396, 55.0483 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(168, 187, 189) }
```


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

```
.border{ border-color:rgb(168, 187, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 187,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1041, 47.5396, 55.0483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 187, 189) }
```

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

```
.background{ background-color: rgb(168,  
187, 189) }
```

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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