

Converting Colors

XYZ(43.1833, 47.5314, 62.8839)

Have a look what the booklet for
XYZ(43.1833, 47.5314, 62.8839)
contains.

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Color

**XYZ(43.1289, 47.3820,
62.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BBCA
RGB	161, 187, 202
RGB Percent	63%, 73%, 79%
CMY	0.3686, 0.2667, 0.2078
CMYK	0.20, 0.07, 0.00, 0.21
HSL	202°, 28%, 71%
HSV	202°, 20%, 79%
XYZ	43.1289, 47.3820, 62.7496
YIQ	180.9360, -20.3110, -0.8470

Conversions

Conversions Part 2

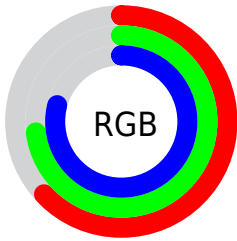
Format	Color
R _{YB}	161, 177, 202
Decimal	10599370
CIE Lab	74.43, -5.58, -10.52
CIE LCh	74, 11.905, 242.052
Yxy	47.3820, 0.2814, 0.3092
Android (android.graphics.Color)	4288789450 (0xFFA1BBCA)
YUV	180.9360, 10.3846, -17.4839
Hunter-Lab	68.8346, -8.6198, -5.8645

Details

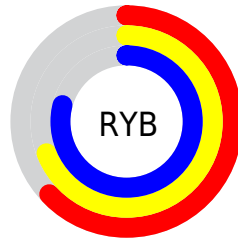
The XYZ color **43.1289, 47.3820, 62.7496** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3158, 46.1803, 40.1917**, and the grayscale version is **43.8410, 46.1242, 50.2292**.

A 20% lighter version of the original color is **78.4195, 85.9201, 107.0588**, and **20.1771, 22.4395, 31.2848** is the 20% darker color. If you saturate the color by 10%, you get **37.8553, 42.3969, 62.0661**, and if you desaturate by 10%, it is **49.1437, 52.8713, 63.4929**.

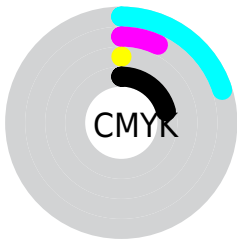
Distribution



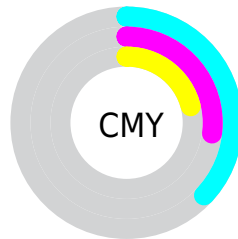
- Red (63%)
- Green (73%)
- Blue (79%)



- Red (63%)
- Yellow (69%)
- Blue (79%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (37%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1289, 47.3820, 62.7496 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 43.1289, 47.3820, 62.7496 by changing the saturation by 10% instead.

■ 43.1289, 47.3820,
62.7496

■ 43.1289, 47.3820,
62.7496

350.0541,
376.3373, 452.7431

■ 30.1812, 33.3377,
45.1990

■ 79.1598, 86.2835,
110.3903

■ 20.1249, 22.3853,
31.2701

■ 102.9738,
111.9096, 141.3174

■ 12.5947, 14.1403,
20.5444

131.1406,
142.1651, 177.5404

■ 7.2251, 8.2183,
12.6034

164.0256,
177.4344, 219.4779

■ 3.6509, 4.2350,
7.0285

201.9940,
218.1018, 267.5483

■ 1.5066, 1.8058,
3.4012

245.4114,

■ 0.3303, 0.4908,

264.5519, 322.1703

1.3030

294.6430,
317.1689, 383.7624

■ 0.0000, 0.0000,
0.0642

■ 0.0000, 0.0000,
0.0000

■ 43.1289, 47.3820,
62.7496

■ 43.1289, 47.3820,
62.7496

■ 37.8553, 42.3969,
62.0661

■ 49.1437, 52.8713,
63.4929

■ 33.2858, 37.8917,
61.4373

■ 55.9259, 58.8765,
64.2946

■ 29.3866, 33.8481,
60.8624

■ 63.5058, 65.4161,
65.1573

■ 26.1190, 30.2443,
60.3390

■ 71.9106, 72.5059,
66.0828

■ 23.4401, 27.0565,
59.8649

■ 78.5428, 78.8083,
66.9497

■ 21.3011, 24.2574,
59.4373

■ 80.5715, 82.8657,
67.6260

■ 19.6444, 21.8153,
59.0533

■ 82.6875, 87.0978,
68.3313

■ 18.3944, 19.7316,
58.7170

■ 84.8920, 91.5067,
69.0661

■ 87.1859, 96.0944,
69.8308

Harmonies

Analogous

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



41.6277, 47.3820, 58.1196



43.1289, 47.3820, 62.7496



45.1831, 47.3820, 64.3243

Triad

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



43.1289, 47.3820, 62.7496



49.2858, 47.3820, 51.1690



42.8808, 47.3820, 42.2094

Complementary

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



43.1289, 47.3820, 62.7496



46.3158, 46.1803, 40.1917

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.



44.8876, 47.3820, 40.6597



43.1289, 47.3820, 62.7496



48.6237, 47.3820, 45.5705

Square

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



43.1289, 47.3820, 62.7496



48.7793, 47.3820, 57.3298



46.9968, 47.3820, 41.8404



41.4877, 47.3820, 46.2485

Rectangle

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



43.1289, 47.3820, 62.7496



46.6021, 47.3820, 63.3368



46.9968, 47.3820, 41.8404



43.5037, 47.3820, 41.3952

Sweetspot

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



43.1303, 47.3839, 62.7507



87.8839, 93.6938, 108.0605



43.5916, 52.9279, 48.6573



18.6502, 19.9117, 23.1103



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.1303, 47.3839, 62.7507



69.2765, 76.7221, 105.7653



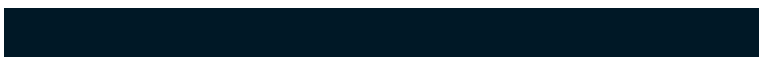
39.2057, 39.5347, 61.4425



11.1848, 12.0101, 14.2991



11.9238, 12.8716, 37.8123



0.6859, 0.8055, 1.9743

Inverse Universe

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



46.0727, 41.6352, 52.6240



75.1401, 65.6157, 85.5064



50.4970, 54.5428, 41.5854



11.5067, 11.3314, 13.2027



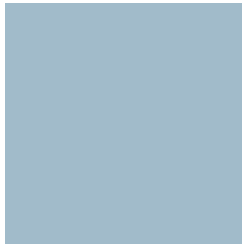
18.2295, 9.1024, 14.1931



0.9762, 0.4839, 0.9203

Previews

White Background



This preview shows how the XYZ color 43.1289, 47.3820, 62.7496 looks on a white background.

Color Contrast Check

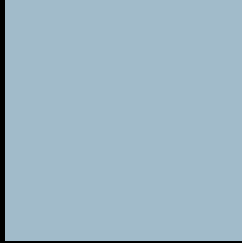
Large Text (above 18pt) WCAG AA × Fail

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 43.1289, 47.3820, 62.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

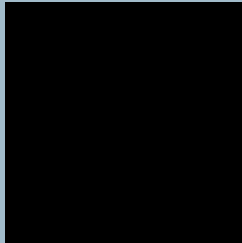
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

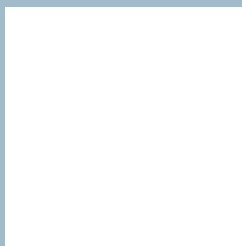
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1289, 47.3820, 62.7496

Background



This preview shows how black text looks on a background with the XYZ color 43.1289, 47.3820, 62.7496.



This preview shows how white text looks on a background with the XYZ color 43.1289, 47.3820,

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

43.1289, 47.3820, 62.7496

Protanopia

46.0928, 47.4032, 60.7532

Deuteranopia

48.3053, 47.2768, 63.7061



Tritanopia

43.1289, 47.3820, 62.7496

Trichromacy



Original Color

43.1289, 47.3820, 62.7496

Protanomaly

45.0214, 47.4498, 61.4294

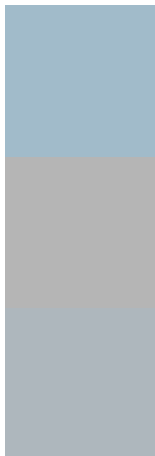
Deuteranomaly

46.1258, 47.0628, 63.1529

Tritanomaly

43.1289, 47.3820, 62.7496

Monochromacy



Original Color

43.1289, 47.3820, 62.7496

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5744, 46.5398, 54.8306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1289, 47.3820, 62.7496 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(161, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(161, 187, 202)  
}
```

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(161, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 187, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.1289, 47.3820, 62.7496 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(161, 187, 202) }
```


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

```
.border{ border-color:rgb(161, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(161, 187,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1289, 47.3820, 62.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 187, 202) }
```

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

```
.background{ background-color: rgb(161,  
187, 202) }
```

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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