

Converting Colors

XYZ(43.4711, 43.5555, 62.8753)

Have a look what the booklet for
XYZ(43.4711, 43.5555, 62.8753)
contains.

XYZ(43.3711, 43.5826, 62.6263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3711, 43.5826,
62.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAECB
RGB	174, 174, 203
RGB Percent	68%, 68%, 80%
CMY	0.3176, 0.3176, 0.2039
CMYK	0.14, 0.14, 0.00, 0.20
HSL	240°, 22%, 74%
HSV	240°, 14%, 80%
XYZ	43.3711, 43.5826, 62.6263
YIQ	177.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

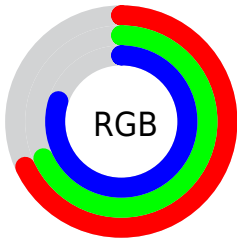
Format	Color
R_{YB}	174, 174, 203
Decimal	11448011
CIE _{Lab}	71.95, 5.85, -14.69
CIE _{LCh}	72, 15.813, 291.709
Yxy	43.5826, 0.2900, 0.2914
Android (android.graphics.Color)	4289638091 (0xFFFAEAECB)
YUV	177.3060, 12.6671, -2.8994
Hunter-Lab	66.0171, 1.7387, -10.0327

Details

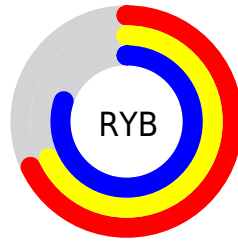
The XYZ color **43.3711, 43.5826, 62.6263** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.6247, 58.4641, 48.5037**, and the grayscale version is **41.8909, 44.0724, 47.9949**.

A 20% lighter version of the original color is **78.7024, 80.0816, 105.9170**, and **20.2695, 20.1539, 31.2556** is the 20% darker color. If you saturate the color by 10%, you get **35.5564, 34.1668, 61.2214**, and if you desaturate by 10%, it is **52.4645, 54.5396, 64.2626**.

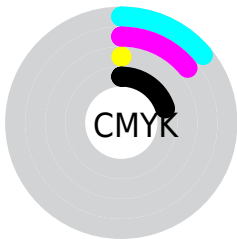
Distribution



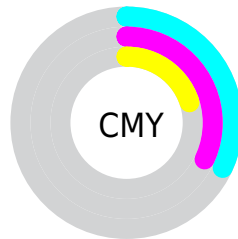
- Red (68%)
- Green (68%)
- Blue (80%)



- Red (68%)
- Yellow (68%)
- Blue (80%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3711, 43.5826, 62.6263 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 43.3711, 43.5826, 62.6263 by changing the saturation by 10% instead.

■ 43.3711, 43.5826,
62.6263

■ 43.3711, 43.5826,
62.6263

351.0314,
361.0023, 452.2825

■ 30.3722, 30.3425,
45.0999

■ 79.5228, 80.5893,
110.2106

■ 20.2707, 20.0987,
31.1926

103.4063,
105.1247, 141.1055

■ 12.7014, 12.4668,
20.4859

131.6486,
134.1939, 177.2937

■ 7.2988, 7.0624,
12.5611

164.6153,
168.1815, 219.1937

■ 3.6977, 3.5012,
6.9999

202.6715,
207.4717, 267.2240

■ 1.5326, 1.3986,
3.3836

246.1827,

■ 0.3478, 0.2157,

252.4489, 321.8033

1.2937

295.5142,
303.4977, 383.3499

■ 0.0000, 0.0000,
0.0566

■ 0.0000, 0.0000,
0.0000

■ 43.3711, 43.5826,
62.6263

■ 43.3711, 43.5826,
62.6263

■ 35.5564, 34.1668,
61.2214

■ 52.4645, 54.5396,
64.2626

■ 28.9594, 26.2179,
60.0348

■ 62.8862, 67.0967,
66.1371

■ 23.5200, 19.6638,
59.0565

■ 74.6879, 81.3166,
68.2598

■ 19.1714, 14.4240,
58.2743

■ 87.7796, 97.0919,
70.6147

■ 15.8402, 10.4101,
57.6751

■ 13.4437, 7.5223,
57.2440

■ 11.8864, 5.6458,
56.9639

■ 11.0526, 4.6409,
56.8139

■ 10.7798, 4.3122,
56.7648

Harmonies

Analogous

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



40.6809, 43.5826, 63.7127



43.3711, 43.5826, 62.6263



45.6272, 43.5826, 57.2605

Triad

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



43.3711, 43.5826, 62.6263



44.7198, 43.5826, 36.7297



36.5032, 43.5826, 45.3453

Complementary

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



43.3711, 43.5826, 62.6263



53.6247, 58.4641, 48.5037

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.



37.4872, 43.5826, 38.8364



43.3711, 43.5826, 62.6263



42.1760, 43.5826, 34.2273

Square

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



43.3711, 43.5826, 62.6263



46.4290, 43.5826, 42.1718



39.5360, 43.5826, 34.9544



36.7921, 43.5826, 53.1599

Rectangle

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



43.3711, 43.5826, 62.6263



46.5432, 43.5826, 52.2674



39.5360, 43.5826, 34.9544



36.6945, 43.5826, 42.9456

Sweetspot

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



43.3724, 43.5844, 62.6273



88.2286, 91.7809, 107.6731



49.5343, 56.0001, 64.3975



18.6188, 19.3246, 22.9987



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.



43.3724, 43.5844, 62.6273



68.5575, 68.0790, 104.1349



46.6595, 45.2783, 62.7810



10.6019, 10.8442, 14.1047



6.8602, 2.7443, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



47.4057, 46.0256, 46.4318



76.5361, 72.9082, 72.0972



49.9788, 56.5853, 48.3332



11.2124, 11.2137, 11.6531



15.6736, 8.0800, 0.7339



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 43.3711, 43.5826, 62.6263 looks on a white background.

Color Contrast Check

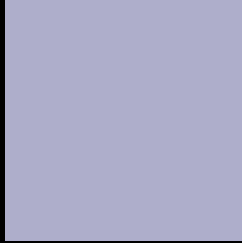
Large Text (above 18pt) WCAG AA × Fail

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 43.3711, 43.5826, 62.6263 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 43.3711, 43.5826, 62.6263

Background



This preview shows how black text looks on a background with the XYZ color 43.3711, 43.5826, 62.6263.



This preview shows how white text looks on a background with the XYZ color 43.3711, 43.5826,

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

43.3711, 43.5826, 62.6263

Protanopia

43.0236, 43.6775, 63.2898

Deuteranopia

44.3544, 43.5201, 62.5624



Tritanopia

41.8329, 43.5390, 54.9142

Trichromacy



Original Color

43.3711, 43.5826, 62.6263

Protanomaly

43.2423, 43.7902, 63.3000

Deuteranomaly

44.0832, 43.6639, 62.6045

Tritanomaly

42.4139, 43.4843, 57.7876

Monochromacy



Original Color

43.3711, 43.5826, 62.6263

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2928, 43.8259, 52.6846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3711, 43.5826, 62.6263 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(174, 174, 203)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 203)  
}
```

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(174, 174, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 203) }
```

Border

The CSS property to change the border of an element to XYZ 43.3711, 43.5826, 62.6263 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(174, 174, 203) }
```


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

```
.border{ border-color:rgb(174, 174, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 203);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3711, 43.5826, 62.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 203) }
```

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

```
.background{ background-color: rgb(174,  
174, 203) }
```

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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