

Converting Colors

XYZ(41.3015, 43.7224, 62.6516)

Have a look what the booklet for
XYZ(41.3015, 43.7224, 62.6516)
contains.

XYZ(41.1971, 43.6262, 62.7493)	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(41.1971, 43.6262,
62.7493)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B2CB
RGB	160, 178, 203
RGB Percent	63%, 70%, 80%
CMY	0.3725, 0.3019, 0.2039
CMYK	0.21, 0.12, 0.00, 0.20
HSL	215°, 29%, 71%
HSV	215°, 21%, 80%
XYZ	41.1971, 43.6262, 62.7493
YIQ	175.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

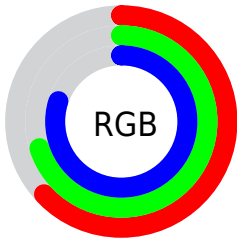
Format	Color
RYB	160, 173, 203
Decimal	10531531
CIELab	71.98, -0.82, -14.75
CIELCh	72, 14.772, 266.819
Yxy	43.6262, 0.2792, 0.2956
Android (android.graphics.Color)	4288721611 (0xFFA0B2CB)
YUV	175.4680, 13.5733, -13.5654
Hunter-Lab	66.0501, -4.2529, -10.0919

Details

The XYZ color **41.1971, 43.6262, 62.7493** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.3231, 49.9325, 40.3498**, and the grayscale version is **40.9299, 43.0615, 46.8939**.

A 20% lighter version of the original color is **75.4972, 80.5127, 106.1691**, and **18.9428, 20.0253, 31.3006** is the 20% darker color. If you saturate the color by 10%, you get **35.2178, 37.2075, 61.8262**, and if you desaturate by 10%, it is **48.0438, 50.7941, 63.7727**.

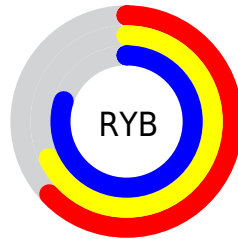
Distribution



Red (63%)

Green (70%)

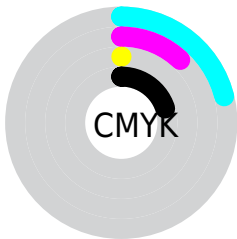
Blue (80%)



Red (63%)

Yellow (68%)

Blue (80%)

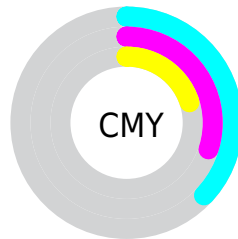


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (30%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1971, 43.6262, 62.7493 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 41.1971, 43.6262, 62.7493 by changing the saturation by 10% instead.

■ 41.1971, 43.6262,
62.7493

■ 41.1971, 43.6262,
62.7493

342.1922,
361.1807, 452.7420

■ 28.6615, 30.3767,
45.1987

■ 76.2558, 80.6550,
110.3898

■ 18.9679, 20.1247,
31.2699

■ 99.5096, 105.2031,
141.3169

■ 11.7509, 12.4857,
20.5443

127.0669,
134.2862, 177.5398

■ 6.6453, 7.0754,
12.6033

159.2929,
168.2887, 219.4772

■ 3.2856, 3.5093,
7.0285

196.5532,
207.5950, 267.5476

■ 1.3065, 1.4031,
3.4012

239.2129,

■ 0.1881, 0.2190,

252.5895, 322.1694

1.3030

287.6374,
303.6566, 383.7614

■ 0.0000, 0.0000,
0.0642

■ 0.0000, 0.0000,
0.0000

■ 41.1971, 43.6262,
62.7493

■ 41.1971, 43.6262,
62.7493

■ 35.2178, 37.2075,
61.8262

■ 48.0438, 50.7941,
63.7727

■ 30.0646, 31.5061,
60.9973

■ 55.7886, 58.7310,
64.8965

■ 25.6988, 26.4951,
60.2602

■ 64.4658, 67.4628,
66.1245

■ 22.0768, 22.1441,
59.6113

■ 74.1064, 77.0121,
67.4596

■ 19.1503, 18.4194,
59.0466

■ 82.3070, 86.1465,
68.7905

■ 16.8645, 15.2839,
58.5619

■ 85.8373, 93.2073,
69.9673

■ 15.1550, 12.6951,
58.1523

■ 87.7796, 97.0919,
70.6148

■ 14.0271, 10.8068,
57.8472

Harmonies

Analogous

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



38.8695, 43.6262, 60.0892



41.1971, 43.6262, 62.7493



43.6904, 43.6262, 60.9944

Triad

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



41.1971, 43.6262, 62.7493



45.9421, 43.6262, 41.5111



37.5405, 43.6262, 40.3039

Complementary

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



41.1971, 43.6262, 62.7493



48.3231, 49.9325, 40.3498

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.



39.3173, 43.6262, 36.1615



41.1971, 43.6262, 62.7493



44.1744, 43.6262, 36.8073

Square

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



41.1971, 43.6262, 62.7493



46.4944, 43.6262, 48.2757



41.7349, 43.6262, 34.9485



36.8128, 43.6262, 46.7356

Rectangle

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



41.1971, 43.6262, 62.7493



45.1003, 43.6262, 57.6453



41.7349, 43.6262, 34.9485



38.0312, 43.6262, 38.6235

Sweetspot

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



41.1984, 43.6280, 62.7503



86.8712, 91.6685, 107.7229



44.5442, 53.6624, 53.5602



18.4108, 19.4330, 23.0305



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.



41.1984, 43.6280, 62.7503



64.6544, 68.4400, 104.4103



38.4282, 37.2269, 61.6608



10.9812, 11.6029, 14.2312



9.0123, 7.0486, 36.8418



0.5394, 0.5125, 1.9254

Inverse Universe

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



45.2364, 41.0536, 47.6614



72.5723, 63.6895, 74.7562



51.5569, 57.5485, 41.6493



11.4039, 11.2903, 12.6615



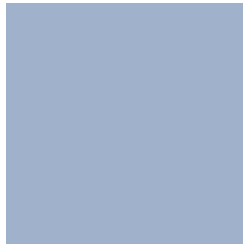
16.7599, 8.5145, 6.4543



0.9022, 0.4543, 0.5309

Previews

White Background



This preview shows how the XYZ color 41.1971, 43.6262, 62.7493 looks on a white background.

Color Contrast Check

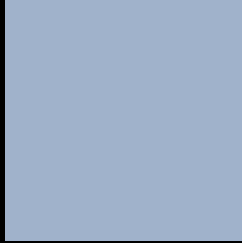
Large Text (above 18pt) WCAG AA × Fail

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 41.1971, 43.6262, 62.7493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

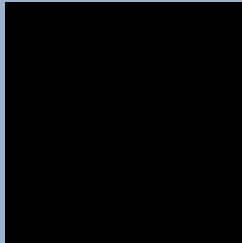
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1971, 43.6262, 62.7493

Background



This preview shows how black text looks on a background with the XYZ color 41.1971, 43.6262, 62.7493.



This preview shows how white text looks on a background with the XYZ color 41.1971, 43.6262,

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

41.1971, 43.6262, 62.7493

Protanopia

42.8858, 43.6476, 61.4229

Deuteranopia

44.4740, 43.5680, 63.1922



Tritanopia

40.1594, 43.8067, 57.3778

Trichromacy



Original Color

41.1971, 43.6262, 62.7493

Protanomaly

42.3345, 43.6398, 62.0692

Deuteranomaly

43.2687, 43.5160, 63.2457

Tritanomaly

40.4962, 43.6423, 59.1128

Monochromacy



Original Color

41.1971, 43.6262, 62.7493

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8599, 43.0995, 52.0644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1971, 43.6262, 62.7493 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(160, 178, 203)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 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(160, 178, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 203) }
```

Border

The CSS property to change the border of an element to XYZ 41.1971, 43.6262, 62.7493 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(160, 178, 203) }
```


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

```
.border{ border-color:rgb(160, 178, 203) }
```

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

Here you see how a box with a 4 pixel rgb(160, 178, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 203);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1971, 43.6262, 62.7493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 203) }
```

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

```
.background{ background-color: rgb(160,  
178, 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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