

Converting Colors

XYZ(41.8458, 43.6386, 63.9752)

Have a look what the booklet for
XYZ(41.8458, 43.6386, 63.9752)
contains.

XYZ(41.8458, 43.6386, 63.9752)	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(41.8458, 43.6386,
63.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B1CD
RGB	163, 177, 205
RGB Percent	64%, 69%, 80%
CMY	0.3608, 0.3059, 0.1961
CMYK	0.20, 0.14, 0.00, 0.20
HSL	220°, 30%, 72%
HSV	220°, 20%, 80%
XYZ	41.8458, 43.6386, 63.9752
YIQ	176.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

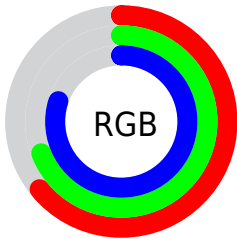
Format	Color
RYB	163, 174, 205
Decimal	10727885
CIELab	71.99, 1.12, -15.81
CIELCh	72, 15.852, 274.052
Yxy	43.6386, 0.2800, 0.2920
Android (android.graphics.Color)	4288917965 (0xFFFA3B1CD)
YUV	176.0060, 14.2940, -11.4063
Hunter-Lab	66.0595, -2.5323, -11.1776

Details

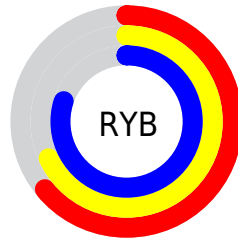
The XYZ color **41.8458, 43.6386, 63.9752** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.4188, 52.8850, 42.2017**, and the grayscale version is **41.2053, 43.3512, 47.2095**.

A 20% lighter version of the original color is **76.1024, 80.4033, 106.1161**, and **19.4751, 20.2811, 32.1664** is the 20% darker color. If you saturate the color by 10%, you get **35.4185, 36.5178, 62.9402**, and if you desaturate by 10%, it is **49.2265, 51.6544, 65.1341**.

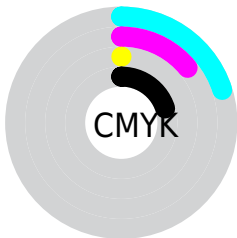
Distribution



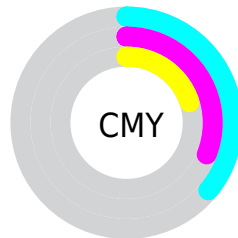
- Red (64%)
- Green (69%)
- Blue (80%)



- Red (64%)
- Yellow (68%)
- Blue (80%)



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



- Cyan (36%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8458, 43.6386, 63.9752 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 41.8458, 43.6386, 63.9752 by changing the saturation by 10% instead.

■ 41.8458, 43.6386,
63.9752

■ 41.8458, 43.6386,
63.9752

344.8458,
361.2315, 457.3051

■ 29.1711, 30.3865,
46.1845

■ 77.2328, 80.6736,
112.1743

■ 19.3553, 20.1321,
32.0417

■ 100.6759,
105.2254, 143.4199

■ 12.0328, 12.4911,
21.1283

128.4392,
134.3124, 179.9875

■ 6.8384, 7.0791,
13.0257

160.8880,
168.3192, 222.2957

■ 3.4067, 3.5116,
7.3153

198.3877,
207.6301, 270.7630

■ 1.3723, 1.4043,
3.5786

241.3037,

■ 0.2363, 0.2199,

252.6295, 325.8080

1.3972

290.0013,
303.7018, 387.8492

■ 0.0000, 0.0000,
0.1395

■ 0.0000, 0.0000,
0.0000

■ 41.8458, 43.6386,
63.9752

■ 41.8458, 43.6386,
63.9752

■ 35.4185, 36.5178,
62.9402

■ 49.2265, 51.6544,
65.1341

■ 29.9000, 30.2539,
62.0220

■ 57.5946, 60.5908,
66.4180

■ 25.2479, 24.8138,
61.2172

■ 66.9876, 70.4787,
67.8315

■ 21.4146, 20.1602,
60.5210

■ 77.4394, 81.3464,
69.3783

■ 18.3476, 16.2524,
59.9283

■ 85.0126, 91.1738,
70.8760

■ 15.9878, 13.0452,
59.4337

■ 88.0196, 97.1878,
71.8783

■ 14.2661, 10.4875,
59.0307

■ 13.1076, 8.5839,
58.7243

Harmonies

Analogous

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



39.2429, 43.6386, 62.2063



41.8458, 43.6386, 63.9752



44.4581, 43.6386, 60.9551

Triad

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



41.8458, 43.6386, 63.9752



45.9372, 43.6386, 39.6531



36.9741, 43.6386, 41.2912

Complementary

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



41.8458, 43.6386, 63.9752



50.4188, 52.8850, 42.2017

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.



38.6326, 43.6386, 36.2117



41.8458, 43.6386, 63.9752



43.7947, 43.6386, 35.3406

Square

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



41.8458, 43.6386, 63.9752



46.8844, 43.6386, 46.4702



41.1107, 43.6386, 34.1521



36.5026, 43.6386, 48.5754

Rectangle

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



41.8458, 43.6386, 63.9752



45.8317, 43.6386, 56.8064



41.1107, 43.6386, 34.1521



37.4076, 43.6386, 39.2964

Sweetspot

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



41.8471, 43.6404, 63.9762



86.4756, 90.8772, 107.5910



46.2635, 55.1808, 57.1007



18.3175, 19.2462, 22.9994



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.



41.8471, 43.6404, 63.9762



63.2683, 65.6678, 103.9483



40.5441, 39.0713, 63.1629



10.9022, 11.4449, 14.2049



8.2385, 5.5010, 36.5839



0.4947, 0.4231, 1.9105

Inverse Universe

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



46.2109, 42.3488, 47.3356



71.8727, 63.4097, 71.0720



51.9166, 58.4089, 43.1890



11.3640, 11.2743, 12.4515



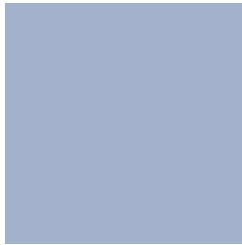
16.3693, 8.3583, 4.3976



0.8796, 0.4453, 0.4120

Previews

White Background



This preview shows how the XYZ color 41.8458, 43.6386, 63.9752 looks on a white background.

Color Contrast Check

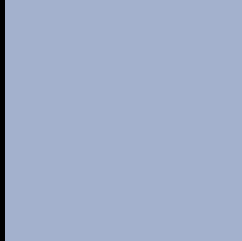
Large Text (above 18pt) WCAG AA × Fail

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 41.8458, 43.6386, 63.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

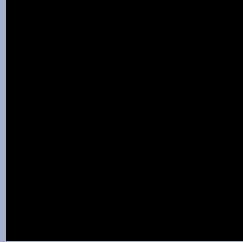
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8458, 43.6386, 63.9752

Background



This preview shows how black text looks on a background with the XYZ color 41.8458, 43.6386, 63.9752.



This preview shows how white text looks on a background with the XYZ color 41.8458, 43.6386,

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

41.8458, 43.6386, 63.9752

Protanopia

43.0236, 43.6775, 63.2898

Deuteranopia

44.4835, 43.5450, 64.4530



Tritanopia

40.4437, 43.6675, 56.7491

Trichromacy



Original Color

41.8458, 43.6386, 63.9752

Protanomaly

42.5729, 43.7351, 63.3246

Deuteranomaly

43.5102, 43.6126, 64.5174

Tritanomaly

40.8987, 43.5534, 59.0744

Monochromacy



Original Color

41.8458, 43.6386, 63.9752

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2896, 43.2965, 53.1946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8458, 43.6386, 63.9752 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(163, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(163, 177, 205)  
}
```

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(163, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 177, 205) }
```

Border

The CSS property to change the border of an element to XYZ 41.8458, 43.6386, 63.9752 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(163, 177, 205) }
```


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

```
.border{ border-color:rgb(163, 177, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 177, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(163, 177,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8458, 43.6386, 63.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 177, 205) }
```

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

```
.background{ background-color: rgb(163,  
177, 205) }
```

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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