

Converting Colors

XYZ(40.7633, 43.7263, 61.5499)

Have a look what the booklet for
XYZ(40.7633, 43.7263, 61.5499)
contains.

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Color

**XYZ(40.7633, 43.7263,
61.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB3C9
RGB	158, 179, 201
RGB Percent	62%, 70%, 79%
CMY	0.3804, 0.2980, 0.2118
CMYK	0.21, 0.11, 0.00, 0.21
HSL	211°, 28%, 70%
HSV	211°, 21%, 79%
XYZ	40.7633, 43.7263, 61.5499
YIQ	175.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

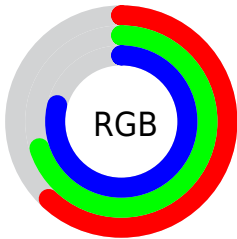
Format	Color
R _Y B	158, 172, 201
Decimal	10400713
CIE Lab	72.05, -2.44, -13.57
CIE LCh	72, 13.784, 259.795
Yxy	43.7263, 0.2791, 0.2994
Android (android.graphics.Color)	4288590793 (0xFF9EB3C9)
YUV	175.2290, 12.7051, -15.1098
Hunter-Lab	66.1259, -5.6839, -8.8990

Details

The XYZ color **40.7633, 43.7263, 61.5499** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5808, 47.5290, 39.0679**, and the grayscale version is **40.8107, 42.9360, 46.7573**.

A 20% lighter version of the original color is **75.1989, 80.7828, 106.2370**, and **18.6712, 20.0925, 30.4979** is the 20% darker color. If you saturate the color by 10%, you get **35.1439, 37.8841, 60.7191**, and if you desaturate by 10%, it is **47.1857, 50.2128, 62.4641**.

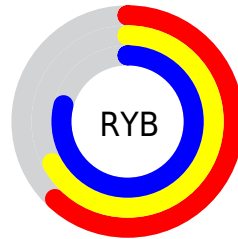
Distribution



Red (62%)

Green (70%)

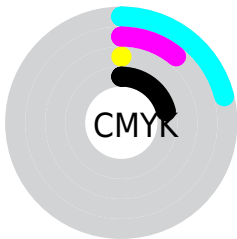
Blue (79%)



Red (62%)

Yellow (67%)

Blue (79%)

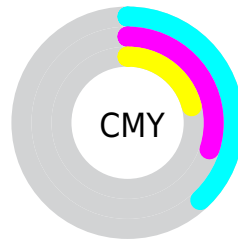


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (30%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7633, 43.7263, 61.5499 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 40.7633, 43.7263, 61.5499 by changing the saturation by 10% instead.

■ 40.7633, 43.7263,
61.5499

■ 40.7633, 43.7263,
61.5499

340.4099,
361.5902, 448.2496

■ 28.3210, 30.4554,
44.2357

■ 75.6014, 80.8057,
108.6400

■ 18.7095, 20.1845,
30.5173

■ 98.7280, 105.3831,
139.2530

■ 11.5633, 12.5292,
19.9762

126.1467,
134.4980, 175.1360

■ 6.5171, 7.1052,
12.1938

158.2229,
168.5349, 216.7075

■ 3.2056, 3.5280,
6.7517

195.3220,
207.8781, 264.3860

■ 1.2634, 1.4132,
3.2312

237.8093,

■ 0.1556, 0.2264,

252.9122, 318.5902

1.2139

286.0501,
304.0214, 379.7386

■ 0.0000, 0.0000,
0.0000

■ 40.7633, 43.7263,
61.5499

■ 40.7633, 43.7263,
61.5499

■ 35.1439, 37.8841,
60.7191

■ 47.1857, 50.2128,
62.4641

■ 30.2888, 32.6581,
59.9663

■ 54.4397, 57.3599,
63.4613

■ 26.1618, 28.0255,
59.2896

■ 62.5571, 65.1897,
64.5448

■ 22.7222, 23.9601,
58.6862

■ 71.5670, 73.7217,
65.7168

■ 19.9245, 20.4330,
58.1529

■ 80.1962, 82.3040,
66.9185

■ 17.7171, 17.4117,
57.6861

■ 83.1498, 88.2112,
67.9031

■ 16.0394, 14.8591,
57.2818

■ 86.2752, 94.4619,
68.9448

■ 14.9264, 12.9845,
56.9786

■ 87.5428, 96.9971,
69.3674

Harmonies

Analogous

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



38.7051, 43.7263, 58.2189



40.7633, 43.7263, 61.5499



43.1131, 43.7263, 60.8864

Triad

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



40.7633, 43.7263, 61.5499



45.9689, 43.7263, 43.3520



38.1969, 43.7263, 39.7193

Complementary

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



40.7633, 43.7263, 61.5499



46.5808, 47.5290, 39.0679

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.



40.0457, 43.7263, 36.4200



40.7633, 43.7263, 61.5499



44.5530, 43.7263, 38.3761

Square

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



40.7633, 43.7263, 61.5499



46.1788, 43.7263, 49.9457



42.3681, 43.7263, 35.9526



37.2609, 43.7263, 45.3493

Rectangle

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



40.7633, 43.7263, 61.5499



44.5270, 43.7263, 58.2873



42.3681, 43.7263, 35.9526



38.7289, 43.7263, 38.3243

Sweetspot

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



40.7646, 43.7281, 61.5509



87.1970, 92.3200, 107.8315



43.1755, 52.3182, 50.7373



18.4878, 19.5869, 23.0562



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.



40.7646, 43.7281, 61.5509



64.8399, 69.7565, 104.6547



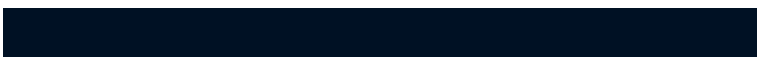
36.8711, 35.9411, 60.2531



10.4772, 11.1284, 13.5133



9.4762, 8.3462, 35.8559



0.5212, 0.5401, 1.7219

Inverse Universe

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



44.4521, 40.1271, 48.0521



72.4351, 62.7511, 76.7580



51.1464, 56.6602, 40.5898



10.8461, 10.7218, 12.1730



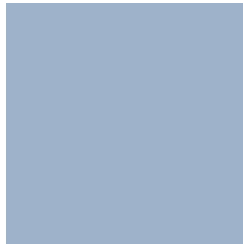
16.5825, 8.3825, 8.2771



0.8218, 0.4115, 0.5845

Previews

White Background



This preview shows how the XYZ color 40.7633, 43.7263, 61.5499 looks on a white background.

Color Contrast Check

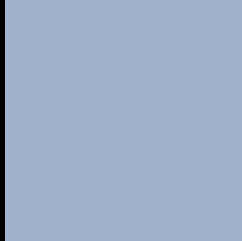
Large Text (above 18pt) WCAG AA × Fail

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 40.7633, 43.7263, 61.5499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

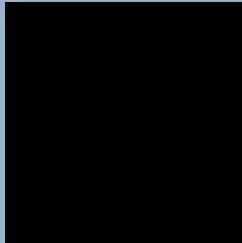
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

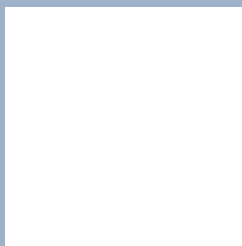
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7633, 43.7263, 61.5499

Background



This preview shows how black text looks on a background with the XYZ color 40.7633, 43.7263, 61.5499.



This preview shows how white text looks on a background with the XYZ color 40.7633, 43.7263,

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

40.7633, 43.7263, 61.5499

Protanopia

42.7566, 43.6214, 59.5923

Deuteranopia

44.4692, 43.5931, 61.9476



Tritanopia

39.9635, 43.7057, 57.3687

Trichromacy



Original Color

40.7633, 43.7263, 61.5499

Protanomaly

41.9826, 43.4990, 60.2163

Deuteranomaly

43.2242, 43.8084, 62.0548

Tritanomaly

40.3039, 43.8418, 59.1614

Monochromacy



Original Color

40.7633, 43.7263, 61.5499

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5392, 42.9464, 51.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7633, 43.7263, 61.5499 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(158, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(158, 179, 201)  
}
```

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(158, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 179, 201) }
```

Border

The CSS property to change the border of an element to XYZ 40.7633, 43.7263, 61.5499 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(158, 179, 201) }
```


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

```
.border{ border-color:rgb(158, 179, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 179, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(158, 179,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7633, 43.7263, 61.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 179, 201) }
```

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

```
.background{ background-color: rgb(158,  
179, 201) }
```

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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