

Converting Colors

XYZ(40.2267, 48.6280, 43.1729)

Have a look what the booklet for
XYZ(40.2267, 48.6280, 43.1729)
contains.

XYZ(40.2753, 48.6058, 43.3355)	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(40.2753, 48.6058,
43.3355)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC2A6
RGB	158, 194, 166
RGB Percent	62%, 76%, 65%
CMY	0.3804, 0.2392, 0.3490
CMYK	0.19, 0.00, 0.14, 0.24
HSL	133°, 23%, 69%
HSV	133°, 19%, 76%
XYZ	40.2753, 48.6058, 43.3355
YIQ	180.0440, -12.4680, -16.3400

Conversions

Conversions Part 2

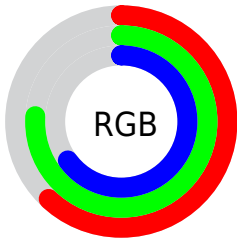
Format	Color
R_{YB}	158, 187, 194
Decimal	10404518
CIE _{Lab}	75.21, -17.57, 10.14
CIE _{LCh}	75, 20.288, 150.028
Yxy	48.6058, 0.3046, 0.3676
Android (android.graphics.Color)	4288594598 (0xFF9EC2A6)
YUV	180.0440, -6.9237, -19.3326
Hunter-Lab	69.7179, -18.8886, 11.9488

Details

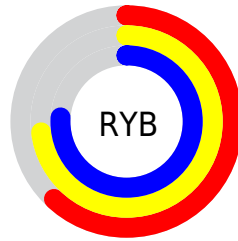
The XYZ color **40.2753, 48.6058, 43.3355** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.3397, 39.4695, 51.7908**, and the grayscale version is **43.4479, 45.7106, 49.7788**.

A 20% lighter version of the original color is **74.9889, 88.3610, 81.5096**, and **18.3592, 23.0352, 19.3982** is the 20% darker color. If you saturate the color by 10%, you get **35.4524, 46.2716, 36.3035**, and if you desaturate by 10%, it is **45.8657, 51.3197, 51.2534**.

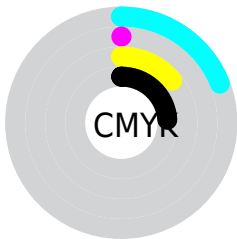
Distribution



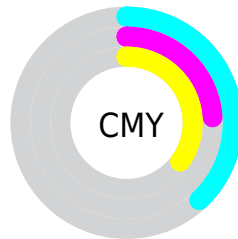
- Red (62%)
- Green (76%)
- Blue (65%)



- Red (62%)
- Yellow (73%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)





- Cyan (38%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2753, 48.6058, 43.3355 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 40.2753, 48.6058, 43.3355 by changing the saturation by 10% instead.


 40.2753, 48.6058,
43.3355


 40.2753, 48.6058,
43.3355


338.3971,
381.1884, 375.9514

 27.9384, 34.3069,
29.8151


 74.8642, 88.1057,
81.5087

 18.4195, 23.1295,
19.4474


 97.8470, 114.0755,
106.9985

 11.3531, 14.6891,
11.8139


125.1091,
144.7043, 137.3153

 6.3739, 8.6015,
6.4961

157.0159,
180.3766, 172.8775

 3.1165, 4.4822,
3.0754

193.9327,
221.4768, 214.1036

 1.2157, 1.9468,
1.1333

236.2250,

 0.1187, 0.5763,

268.3892, 261.4123

0.0000

284.2580,
321.4983, 315.2220

■ 0.0000, 0.0000,
0.0000

■ 40.2753, 48.6058,
43.3355

■ 40.2753, 48.6058,
43.3355

■ 35.4524, 46.2716,
36.3035

■ 45.8657, 51.3197,
51.2534

■ 31.3593, 44.2941,
30.1232

■ 52.2513, 54.4228,
60.0831

■ 27.9610, 42.6572,
24.7634

■ 59.4633, 57.9319,
69.8537

■ 25.2178, 41.3415,
20.1892

■ 67.5300, 61.8611,
80.5917

■ 23.0863, 40.3251,
16.3637

■ 76.4771, 66.2231,
92.3229

■ 21.5172, 39.5836,
13.2465

■ 78.5827, 67.0654,
103.4109

■ 20.4535, 39.0884,
10.7939

■ 19.8069, 38.7951,
8.9558

■ 19.7307, 38.7606,
8.7376

Harmonies

Analogous

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



42.7108, 48.6058, 37.0960



40.2753, 48.6058, 43.3355



39.4087, 48.6058, 52.9334

Triad

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



40.2753, 48.6058, 43.3355



46.2018, 48.6058, 76.1639



52.6716, 48.6058, 43.3204

Complementary

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



40.2753, 48.6058, 43.3355



43.3397, 39.4695, 51.7908

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.



53.7262, 48.6058, 52.9135



40.2753, 48.6058, 43.3355



49.8708, 48.6058, 72.7128

Square

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



40.2753, 48.6058, 43.3355



42.7165, 48.6058, 72.7252



52.6754, 48.6058, 63.8306



49.8645, 48.6058, 37.0881

Rectangle

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



40.2753, 48.6058, 43.3355



39.7990, 48.6058, 60.2533



52.6754, 48.6058, 63.8306



53.2493, 48.6058, 46.2136

Sweetspot

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



40.2766, 48.6079, 43.3366



85.8059, 94.2916, 96.6375



45.7636, 51.5186, 39.8806



18.6278, 20.5698, 20.9360



0.0000, 0.0000, 0.0000



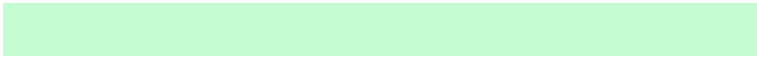
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2766, 48.6079, 43.3366



69.4944, 86.3780, 73.4952



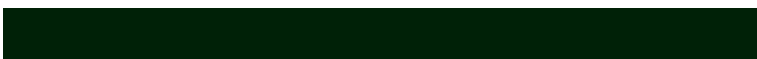
42.0247, 49.3071, 52.5417



10.0340, 11.2947, 11.1826



12.9976, 25.4931, 5.8805



0.5884, 1.1122, 0.3952

Inverse Universe

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



43.3397, 39.4695, 51.7908



75.9985, 66.9694, 91.4438



41.5631, 38.7588, 42.4353



10.3984, 10.2080, 12.1885



18.3262, 9.0202, 20.1614



0.8161, 0.3994, 0.9988

Previews

White Background



This preview shows how the XYZ color 40.2753, 48.6058, 43.3355 looks on a white background.

Color Contrast Check

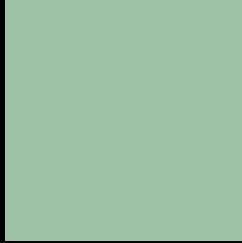
Large Text (above 18pt) WCAG AA × Fail

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 40.2753, 48.6058, 43.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

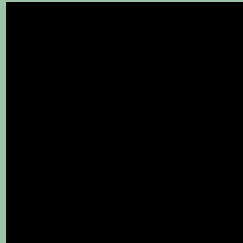
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2753, 48.6058, 43.3355

Background



This preview shows how black text looks on a background with the XYZ color 40.2753, 48.6058, 43.3355.



This preview shows how white text looks on a background with the XYZ color 40.2753, 48.6058,

43.3355.

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

40.2753, 48.6058, 43.3355

Protanopia

45.8216, 48.3235, 40.6305

Deuteranopia

49.0943, 48.1153, 44.2357



Tritanopia

44.6137, 48.7542, 64.1858

Trichromacy



Original Color

40.2753, 48.6058, 43.3355

Protanomaly

43.6501, 48.4345, 41.6985

Deuteranomaly

45.4436, 48.0553, 43.9263

Tritanomaly

42.8254, 48.6607, 55.8505

Monochromacy



Original Color

40.2753, 48.6058, 43.3355

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.1001, 46.5637, 47.3262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2753, 48.6058, 43.3355 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, 194, 166)` looks like.

```
.text, #text, p{  
    color:rgb(158, 194, 166)  
}
```

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, 194, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 194, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.2753, 48.6058, 43.3355 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, 194, 166) }
```


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

```
.border{ border-color:rgb(158, 194, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 194, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 194, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 194, 166);  
box-shadow:4px 4px 4px 4px rgb(158, 194,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2753, 48.6058, 43.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 194, 166) }
```

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

```
.background{ background-color: rgb(158,  
194, 166) }
```

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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