

Converting Colors

XYZ(48.3034, 51.0010, 60.7906)

Have a look what the booklet for
XYZ(48.3034, 51.0010, 60.7906)
contains.

XYZ(48.3737, 51.0945, 60.7387)	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(48.3737, 51.0945,
60.7387)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BEC6
RGB	184, 190, 198
RGB Percent	72%, 75%, 78%
CMY	0.2784, 0.2549, 0.2235
CMYK	0.07, 0.04, 0.00, 0.22
HSL	214°, 11%, 75%
HSV	214°, 7%, 78%
XYZ	48.3737, 51.0945, 60.7387
YIQ	189.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

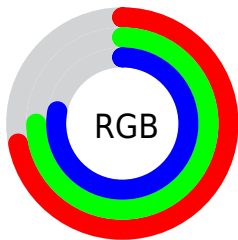
Format	Color
RYB	184, 188, 198
Decimal	12107462
CIELab	76.74, -0.52, -4.75
CIElCh	77, 4.777, 263.724
Yxy	51.0945, 0.3019, 0.3189
Android (android.graphics.Color)	4290297542 (0xFFB8BEC6)
YUV	189.1180, 4.3788, -4.4885
Hunter-Lab	71.4804, -4.2925, -0.3439

Details

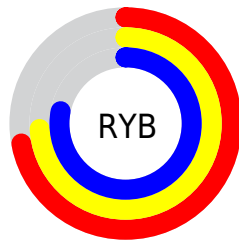
The XYZ color **48.3737, 51.0945, 60.7387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7903, 53.1653, 52.9334**, and the grayscale version is **48.4168, 50.9382, 55.4717**.

A 20% lighter version of the original color is **86.9409, 91.6568, 107.7170**, and **23.3398, 24.7302, 29.9288** is the 20% darker color. If you saturate the color by 10%, you get **41.6035, 44.1090, 59.7480**, and if you desaturate by 10%, it is **56.0008, 58.8068, 61.8261**.

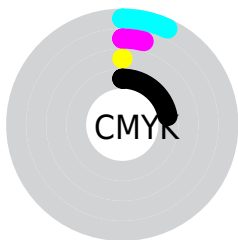
Distribution



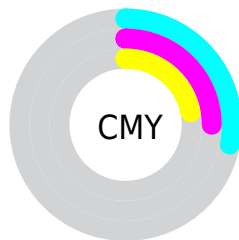
- Red (72%)
- Green (75%)
- Blue (78%)



- Red (72%)
- Yellow (74%)
- Blue (78%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3737, 51.0945, 60.7387 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 48.3737, 51.0945, 60.7387 by changing the saturation by 10% instead.

■ 48.3737, 51.0945,
60.7387

■ 48.3737, 51.0945,
60.7387

370.8295,
390.9308, 445.1953

■ 34.3354, 36.2838,
43.5851

■ 86.9669, 91.7944,
107.4543

■ 23.3155, 24.6535,
30.0097

112.2525,
118.4525, 137.8535

■ 14.9486, 15.8191,
19.5938

142.0179,
149.8285, 173.5049

■ 8.8694, 9.3962,
11.9190

176.6284,
186.3067, 214.8272

■ 4.7125, 5.0005,
6.5667

216.4495,
228.2717, 262.2388

■ 2.1126, 2.2476,
3.1183

261.8465,

■ 0.6961, 0.7457,

276.1078, 316.1584

1.1554

313.1847,
330.1994, 377.0043

■ 0.0000, 0.0000,
0.0000

■ 48.3737, 51.0945,
60.7387

■ 48.3737, 51.0945,
60.7387

■ 41.6035, 44.1090,
59.7480

■ 56.0008, 58.8068,
61.8261

■ 35.6542, 37.8211,
58.8479

■ 64.5105, 67.2611,
63.0095

■ 30.4934, 32.2089,
58.0366

■ 73.9325, 76.4801,
64.2923

■ 26.0848, 27.2471,
57.3112

■ 81.2119, 84.8946,
65.5328

■ 22.3893, 22.9080,
56.6685

■ 84.5583, 91.5874,
66.6483

■ 19.3636, 19.1621,
56.1049

■ 87.1932, 96.8573,
67.5266

■ 16.9593, 15.9767,
55.6168

■ 15.1205, 13.3146,
55.1999

■ 13.7729, 11.1290,
54.8490

Harmonies

Analogous

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



47.5408, 51.0945, 59.7510



48.3737, 51.0945, 60.7387



49.2677, 51.0945, 60.3245

Triad

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



48.3737, 51.0945, 60.7387



50.1754, 51.0945, 53.6509



47.1735, 51.0945, 52.7346

Complementary

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



48.3737, 51.0945, 60.7387



50.7903, 53.1653, 52.9334

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.



47.8666, 51.0945, 51.1917



48.3737, 51.0945, 60.7387



49.6013, 51.0945, 51.7091

Square

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



48.3737, 51.0945, 60.7387



50.3152, 51.0945, 56.1801



48.7544, 51.0945, 50.8222



46.8535, 51.0945, 55.0899

Rectangle

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



48.3737, 51.0945, 60.7387



49.7773, 51.0945, 59.3154



48.7544, 51.0945, 50.8222



47.3702, 51.0945, 52.1067

Sweetspot

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



48.3752, 51.0967, 60.7398



92.2762, 97.2008, 108.5059



49.4692, 54.3822, 57.7208



19.7800, 20.8344, 23.2289



0.0000, 0.0000, 0.0000



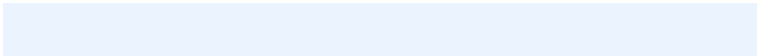
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3752, 51.0967, 60.7398



84.3336, 89.1233, 107.3654



47.3260, 48.6652, 60.3258



10.4244, 11.0228, 13.4957



8.8175, 7.0289, 35.6363



0.4891, 0.4759, 1.7112

Inverse Universe

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



49.7246, 50.0055, 55.7490



87.0641, 86.9399, 97.2614



51.8900, 55.7290, 53.3702



10.8195, 10.7112, 12.0327



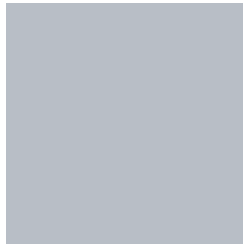
16.2500, 8.2496, 6.5263



0.8056, 0.4051, 0.4992

Previews

White Background



This preview shows how the XYZ color 48.3737, 51.0945, 60.7387 looks on a white background.

Color Contrast Check

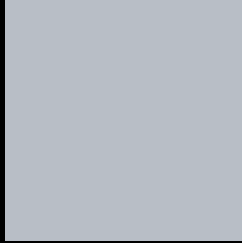
Large Text (above 18pt) WCAG AA × Fail

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 48.3737, 51.0945, 60.7387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

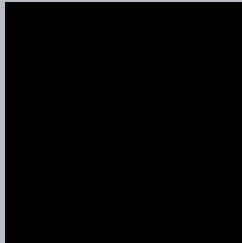
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

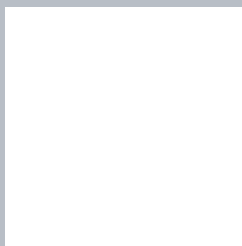
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3737, 51.0945, 60.7387

Background



This preview shows how black text looks on a background with the XYZ color 48.3737, 51.0945, 60.7387.

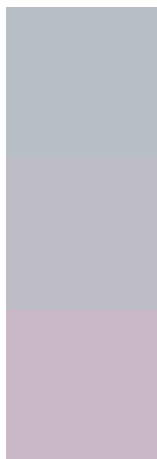


This preview shows how white text looks on a background with the XYZ color 48.3737, 51.0945,

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

48.3737, 51.0945, 60.7387

Protanopia

49.2965, 50.9448, 60.0585

Deuteranopia

52.0779, 51.1010, 61.1515



Tritanopia

49.1043, 51.0691, 64.3960

Trichromacy



Original Color

48.3737, 51.0945, 60.7387

Protanomaly

49.0147, 51.1178, 60.1067

Deuteranomaly

50.6327, 50.9771, 61.2038

Tritanomaly

48.8658, 50.9737, 63.1405

Monochromacy



Original Color

48.3737, 51.0945, 60.7387

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2055, 50.7658, 57.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3737, 51.0945, 60.7387 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(184, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 190, 198)  
}
```

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(184, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 190, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.3737, 51.0945, 60.7387 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(184, 190, 198) }
```


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

```
.border{ border-color:rgb(184, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 190,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3737, 51.0945, 60.7387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 190, 198) }
```

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

```
.background{ background-color: rgb(184,  
190, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor