

Converting Colors

XYZ(48.6341, 53.2895, 61.3490)

Have a look what the booklet for
XYZ(48.6341, 53.2895, 61.3490)
contains.

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Color

**XYZ(48.5234, 53.1408,
61.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C4C6
RGB	179, 196, 198
RGB Percent	70%, 77%, 78%
CMY	0.2980, 0.2314, 0.2235
CMYK	0.10, 0.01, 0.00, 0.22
HSL	186°, 14%, 74%
HSV	186°, 10%, 78%
XYZ	48.5234, 53.1408, 61.1258
YIQ	191.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

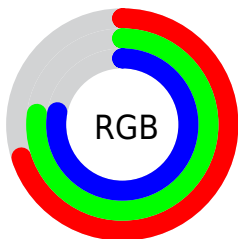
Format	Color
R _Y B	179, 188, 198
Decimal	11781318
CIE Lab	77.96, -5.38, -2.99
CIE LCh	78, 6.153, 209.084
Yxy	53.1408, 0.2981, 0.3264
Android (android.graphics.Color)	4289971398 (0xFFB3C4C6)
YUV	191.1450, 3.3795, -10.6512
Hunter-Lab	72.8977, -8.7549, 1.3129

Details

The XYZ color **48.5234, 53.1408, 61.1258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9495, 48.3079, 49.4459**, and the grayscale version is **49.5921, 52.1748, 56.8183**.

A 20% lighter version of the original color is **87.4362, 95.1327, 108.3618**, and **23.3112, 25.7952, 30.1359** is the 20% darker color. If you saturate the color by 10%, you get **43.8060, 50.0183, 60.7726**, and if you desaturate by 10%, it is **53.9075, 56.6196, 61.5143**.

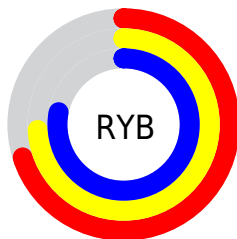
Distribution



Red (70%)

Green (77%)

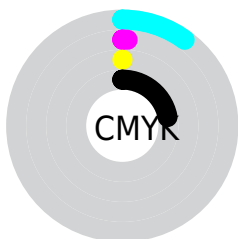
Blue (78%)



Red (70%)

Yellow (74%)

Blue (78%)

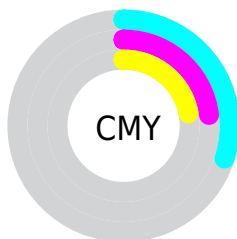


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5234, 53.1408, 61.1258 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 48.5234, 53.1408, 61.1258 by changing the saturation by 10% instead.

■ 48.5234, 53.1408,
61.1258

■ 48.5234, 53.1408,
61.1258

371.4112,
398.8251, 446.6544

■ 34.4545, 37.9152,
43.8955

■ 87.1882, 94.8115,
108.0204

■ 23.4075, 25.9169,
30.2518

112.5148,
122.0254, 138.5217

■ 15.0171, 16.7615,
19.7761

142.3247,
154.0042, 174.2838

■ 8.9178, 10.0646,
12.0499

176.9833,
191.1322, 215.7252

■ 4.7443, 5.4418,
6.6547

216.8559,
233.7940, 263.2644

■ 2.1312, 2.5087,
3.1720

262.3078,

■ 0.7061, 0.8810,

282.3737, 317.3200

1.1831

313.7044,
337.2560, 378.3105

■ 0.0000, 0.0000,
0.0000

■ 48.5234, 53.1408,
61.1258

■ 48.5234, 53.1408,
61.1258

■ 43.8060, 50.0183,
60.7726

■ 53.9075, 56.6196,
61.5143

■ 39.7228, 47.2309,
60.4497

■ 59.9799, 60.4614,
61.9358

■ 36.2455, 44.7654,
60.1571

■ 66.7670, 64.6815,
62.3927

■ 33.3417, 42.6052,
59.8932

■ 73.1043, 68.6794,
62.8303

■ 30.9761, 40.7319,
59.6563

■ 73.6033, 69.6775,
62.9967

■ 29.1094, 39.1252,
59.4446

■ 74.1089, 70.6888,
63.1652

■ 27.6968, 37.7621,
59.2559

■ 74.6213, 71.7134,
63.3360

■ 26.6856, 36.6154,
59.0879

■ 75.1403, 72.7514,
63.5090

■ 25.9797, 35.6353,
58.9359

■ 75.6660, 73.8029,
63.6842

Harmonies

Analogous

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



48.2416, 53.1408, 57.7559



48.5234, 53.1408, 61.1258



49.3351, 53.1408, 63.7042

Triad

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



48.5234, 53.1408, 61.1258



52.5097, 53.1408, 61.3154



50.5456, 53.1408, 51.5160

Complementary

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



48.5234, 53.1408, 61.1258



47.9495, 48.3079, 49.4459

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.



51.7008, 53.1408, 52.3870



48.5234, 53.1408, 61.1258



52.8458, 53.1408, 57.9668

Square

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



48.5234, 53.1408, 61.1258



51.6361, 53.1408, 63.8167



52.5475, 53.1408, 54.7151



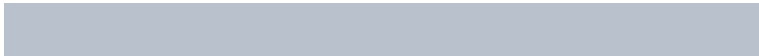
49.3979, 53.1408, 52.2884

Rectangle

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



48.5234, 53.1408, 61.1258



50.0740, 53.1408, 64.5798



52.5475, 53.1408, 54.7151



50.9460, 53.1408, 51.6257

Sweetspot

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



48.5249, 53.1430, 61.1270



92.0354, 98.0659, 108.6856



47.1156, 53.3049, 51.4688



19.5310, 20.8817, 23.2511



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.



48.5249, 53.1430, 61.1270



83.6571, 92.6164, 108.0753



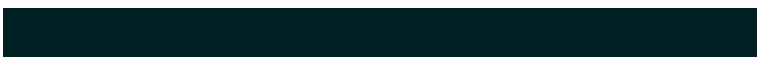
46.4699, 49.0330, 60.4420



10.8478, 11.8697, 13.6368



16.9149, 23.2238, 38.3355



0.8290, 1.1558, 1.8245

Inverse Universe

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



49.3738, 48.2326, 58.9347



85.5397, 81.8012, 103.1967



49.9265, 52.2618, 50.1049



11.0332, 10.7967, 13.1582



20.3372, 9.8844, 28.0493



0.9771, 0.4737, 1.4027

Previews

White Background



This preview shows how the XYZ color 48.5234, 53.1408, 61.1258 looks on a white background.

Color Contrast Check

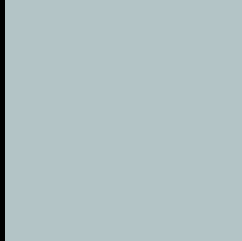
Large Text (above 18pt) WCAG AA × Fail

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 48.5234, 53.1408, 61.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

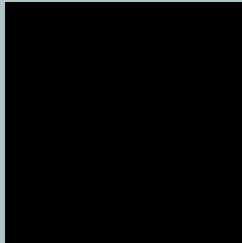
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

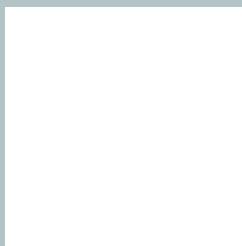
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5234, 53.1408, 61.1258

Background



This preview shows how black text looks on a background with the XYZ color 48.5234, 53.1408, 61.1258.

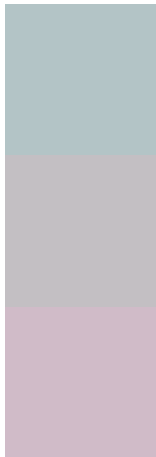


This preview shows how white text looks on a background with the XYZ color 48.5234, 53.1408,

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

48.5234, 53.1408, 61.1258

Protanopia

50.9868, 52.8038, 59.1346

Deuteranopia

54.2081, 53.1207, 62.0398



Tritanopia

49.9807, 53.0605, 68.5802

Trichromacy



Original Color

48.5234, 53.1408, 61.1258

Protanomaly

50.0200, 52.9443, 59.8075

Deuteranomaly

51.7482, 52.8207, 61.5008

Tritanomaly

49.4781, 53.1897, 66.0514

Monochromacy



Original Color

48.5234, 53.1408, 61.1258

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3011, 52.5998, 58.5933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5234, 53.1408, 61.1258 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(179, 196, 198) looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 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(179, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.5234, 53.1408, 61.1258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

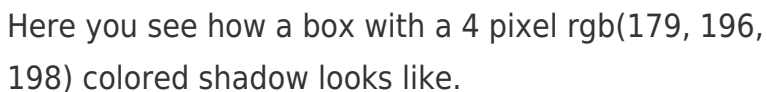
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 196, 198) }
```


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

```
.border{ border-color:rgb(179, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 196, 198); box-shadow:4px 4px 4px 4px rgb(179, 196, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5234, 53.1408, 61.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 198) }
```

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

```
.background{ background-color: rgb(179,  
196, 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](#).

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