

Converting Colors

XYZ(48.9080, 53.4213, 61.1654)

Have a look what the booklet for
XYZ(48.9080, 53.4213, 61.1654)
contains.

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Color

**XYZ(48.7554, 53.2604,
61.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C4C6
RGB	180, 196, 198
RGB Percent	71%, 77%, 78%
CMY	0.2941, 0.2314, 0.2235
CMYK	0.09, 0.01, 0.00, 0.22
HSL	187°, 14%, 74%
HSV	187°, 9%, 78%
XYZ	48.7554, 53.2604, 61.1367
YIQ	191.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

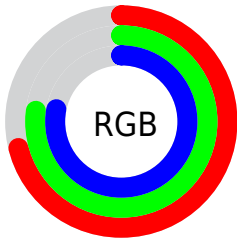
Format	Color
R _Y B	180, 188, 198
Decimal	11846854
CIE Lab	78.03, -5.05, -2.88
CIE LCh	78, 5.809, 209.715
Yxy	53.2604, 0.2988, 0.3264
Android (android.graphics.Color)	4290036934 (0xFFB4C4C6)
YUV	191.4440, 3.2321, -10.0364
Hunter-Lab	72.9797, -8.4644, 1.4173

Details

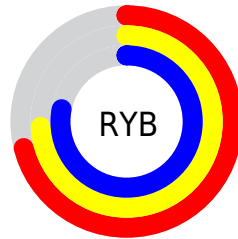
The XYZ color **48.7554, 53.2604, 61.1367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2552, 48.7567, 50.0486**, and the grayscale version is **49.7664, 52.3581, 57.0180**.

A 20% lighter version of the original color is **87.7674, 95.3034, 108.3773**, and **23.4594, 25.8716, 30.1428** is the 20% darker color. If you saturate the color by 10%, you get **43.9798, 50.0697, 60.7734**, and if you desaturate by 10%, it is **54.1998, 56.8096, 61.5356**.

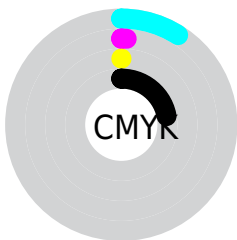
Distribution



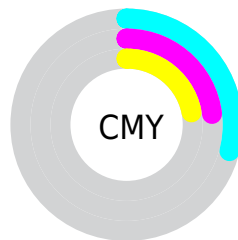
- Red (71%)
- Green (77%)
- Blue (78%)



- Red (71%)
- Yellow (74%)
- Blue (78%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7554, 53.2604, 61.1367 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 48.7554, 53.2604, 61.1367 by changing the saturation by 10% instead.

■ 48.7554, 53.2604,
61.1367

■ 48.7554, 53.2604,
61.1367

372.3115,
399.2834, 446.6955

■ 34.6392, 38.0107,
43.9042

■ 87.5310, 94.9874,
108.0363

■ 23.5503, 25.9910,
30.2586

112.9211,
122.2335, 138.5405

■ 15.1233, 16.8169,
19.7812

142.7999,
154.2472, 174.3057

■ 8.9928, 10.1040,
12.0536

177.5327,
191.4129, 215.7504

■ 4.7936, 5.4680,
6.6572

217.4849,
234.1150, 263.2932

■ 2.1602, 2.5244,
3.1735

263.0219,

■ 0.7216, 0.8888,

282.7378, 317.3526

1.1839

314.5090,
337.6658, 378.3472

■ 0.0000, 0.0000,
0.0000

■ 48.7554, 53.2604,
61.1367

■ 48.7554, 53.2604,
61.1367

■ 43.9798, 50.0697,
60.7734

■ 54.1998, 56.8096,
61.5356

■ 39.8405, 47.2163,
60.4408

■ 60.3347, 60.7240,
61.9679

■ 36.3094, 44.6871,
60.1387

■ 67.1861, 65.0188,
62.4357

■ 33.3543, 42.4655,
59.8656

■ 73.2147, 68.9002,
62.8672

■ 30.9399, 40.5332,
59.6199

■ 73.7432, 69.9572,
63.0433

■ 29.0273, 38.8702,
59.3997

■ 74.2791, 71.0290,
63.2220

■ 27.5719, 37.4533,
59.2029

■ 74.8224, 72.1157,
63.4031

■ 26.5215, 36.2557,
59.0271

■ 75.3732, 73.2173,
63.5867

■ 25.7869, 35.2313,
58.8681

■ 75.9315, 74.3339,
63.7728

Harmonies

Analogous

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



48.4768, 53.2604, 57.9605



48.7554, 53.2604, 61.1367



49.5326, 53.2604, 63.5428

Triad

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



48.7554, 53.2604, 61.1367



52.5254, 53.2604, 61.1924



50.6333, 53.2604, 51.9785

Complementary

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



48.7554, 53.2604, 61.1367



48.2552, 48.7567, 50.0486

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.



51.7281, 53.2604, 52.7733



48.7554, 53.2604, 61.1367



52.8304, 53.2604, 58.0226

Square

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



48.7554, 53.2604, 61.1367



51.7090, 53.2604, 63.5759



52.5365, 53.2604, 54.9561



49.5511, 53.2604, 52.7442

Rectangle

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



48.7554, 53.2604, 61.1367



50.2348, 53.2604, 64.3439



52.5365, 53.2604, 54.9561



51.0121, 53.2604, 52.0716

Sweetspot

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



48.7569, 53.2626, 61.1379



92.0212, 98.0375, 108.6808



47.4402, 53.4615, 51.9674



19.5271, 20.8740, 23.2498



0.0000, 0.0000, 0.0000



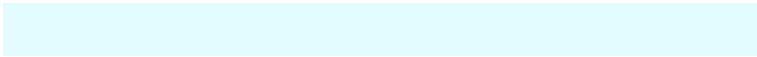
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7569, 53.2626, 61.1379



84.4880, 93.0932, 108.1235



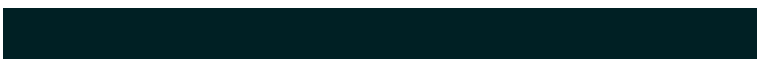
46.8291, 49.4071, 60.4953



10.8424, 11.8588, 13.6350



16.7685, 22.9309, 38.2867



0.8234, 1.1446, 1.8227

Inverse Universe

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



49.5750, 48.6349, 59.0018



86.2483, 83.1920, 103.5143



50.1150, 52.4764, 50.6686



11.0305, 10.7956, 13.1437



20.2633, 9.8549, 27.6601



0.9743, 0.4726, 1.3879

Previews

White Background



This preview shows how the XYZ color 48.7554, 53.2604, 61.1367 looks on a white background.

Color Contrast Check

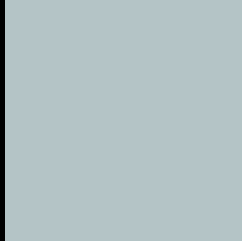
Large Text (above 18pt) WCAG AA × Fail

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 48.7554, 53.2604, 61.1367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

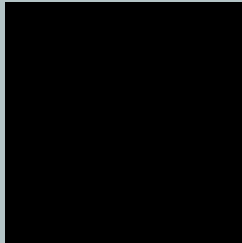
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

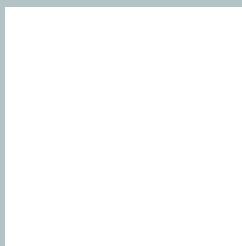
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7554, 53.2604, 61.1367

Background



This preview shows how black text looks on a background with the XYZ color 48.7554, 53.2604, 61.1367.



This preview shows how white text looks on a background with the XYZ color 48.7554, 53.2604,

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

48.7554, 53.2604, 61.1367

Protanopia

51.2056, 53.2415, 59.2076

Deuteranopia

54.2081, 53.1207, 62.0398



Tritanopia

50.2160, 53.1818, 68.5912

Trichromacy



Original Color

48.7554, 53.2604, 61.1367

Protanomaly

50.2690, 53.0726, 59.8191

Deuteranomaly

52.0110, 52.9562, 61.5131

Tritanomaly

49.7117, 53.3102, 66.0623

Monochromacy



Original Color

48.7554, 53.2604, 61.1367

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 48.7554, 53.2604, 61.1367 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(180, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.7554, 53.2604, 61.1367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

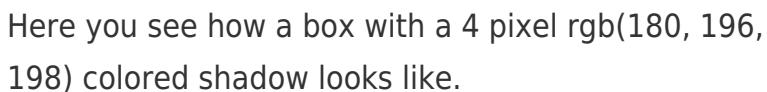
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 196, 198) }
```


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

```
.border{ border-color:rgb(180, 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(180, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 196, 198); box-shadow:4px 4px 4px 4px rgb(180, 196, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7554, 53.2604, 61.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 198) }
```

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

```
.background{ background-color: rgb(180,  
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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