

Converting Colors

XYZ(47.5712, 53.0698, 61.7082)

Have a look what the booklet for
XYZ(47.5712, 53.0698, 61.7082)
contains.

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Color

**XYZ(47.5086, 52.9403,
61.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC5C7
RGB	173, 197, 199
RGB Percent	68%, 77%, 78%
CMY	0.3216, 0.2274, 0.2196
CMYK	0.13, 0.01, 0.00, 0.22
HSL	185°, 19%, 73%
HSV	185°, 13%, 78%
XYZ	47.5086, 52.9403, 61.7474
YIQ	190.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

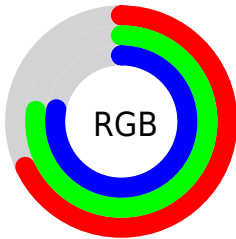
Format	Color
R_{YB}	173, 185, 199
Decimal	11388359
CIE _{Lab}	77.84, -7.67, -3.75
CIE _{LCh}	78, 8.541, 206.061
Yxy	52.9403, 0.2929, 0.3264
Android (android.graphics.Color)	4289578439 (0xFFADC5C7)
YUV	190.0520, 4.4114, -14.9546
Hunter-Lab	72.7601, -10.7788, 0.6160

Details

The XYZ color **47.5086, 52.9403, 61.7474** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4262, 45.8188, 45.9329**, and the grayscale version is **48.9563, 51.5058, 56.0898**.

A 20% lighter version of the original color is **85.8049, 94.7616, 108.3762**, and **22.6790, 25.6823, 30.5499** is the 20% darker color. If you saturate the color by 10%, you get **43.0869, 50.1496, 61.4426**, and if you desaturate by 10%, it is **52.5923, 56.0803, 62.0864**.

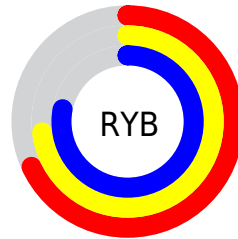
Distribution



Red (68%)

Green (77%)

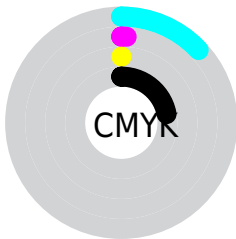
Blue (78%)



Red (68%)

Yellow (73%)

Blue (78%)

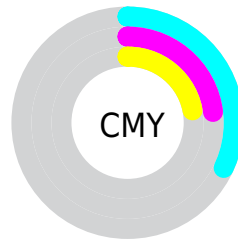


Cyan (13%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5086, 52.9403, 61.7474 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 47.5086, 52.9403, 61.7474 by changing the saturation by 10% instead.

■ 47.5086, 52.9403,
61.7474

■ 47.5086, 52.9403,
61.7474

367.4561,
398.0560, 448.9913

■ 33.6475, 37.7551,
44.3942

■ 85.6864, 94.5165,
108.9284

■ 22.7846, 25.7927,
30.6410

110.7339,
121.6763, 139.5933

■ 14.5543, 16.6686,
20.0695

140.2409,
153.5965, 175.5324

■ 8.5915, 9.9985,
12.2610

174.5728,
190.6614, 217.1644

■ 4.5307, 5.3980,
6.7970

214.0949,
233.2554, 264.9077

■ 2.0065, 2.4826,
3.2589

259.1726,

■ 0.6376, 0.8679,

281.7629, 319.1809

1.2283

310.1712,
336.5683, 380.4026

■ 0.0000, 0.0000,
0.0019

■ 0.0000, 0.0000,
0.0000

■ 47.5086, 52.9403,
61.7474

■ 47.5086, 52.9403,
61.7474

■ 43.0869, 50.1496,
61.4426

■ 52.5923, 56.0803,
62.0864

■ 39.2937, 47.6867,
61.1672

■ 58.3606, 59.5771,
62.4573

■ 36.0996, 45.5378,
60.9207

■ 64.8404, 63.4460,
62.8625

■ 33.4708, 43.6856,
60.7018

■ 72.0562, 67.6994,
63.3032

■ 31.3703, 42.1108,
60.5085

■ 73.2959, 68.8775,
63.4653

■ 29.7566, 40.7922,
60.3390

■ 73.6625, 69.6107,
63.5875

■ 28.5820, 39.7050,
60.1911

■ 74.0327, 70.3511,
63.7109

■ 27.7892, 38.8198,
60.0620

■ 74.4065, 71.0986,
63.8355

■ 27.3906, 38.2869,
59.9802

■ 74.7839, 71.8534,
63.9613

Harmonies

Analogous

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



47.2046, 52.9403, 57.0181



47.5086, 52.9403, 61.7474



48.5594, 52.9403, 65.5534

Triad

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



47.5086, 52.9403, 61.7474



53.0093, 52.9403, 62.8916



50.5375, 52.9403, 49.0066

Complementary

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



47.5086, 52.9403, 61.7474



46.4262, 45.8188, 45.9329

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.



52.1189, 52.9403, 50.3960



47.5086, 52.9403, 61.7474



53.5657, 52.9403, 58.2724

Square

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



47.5086, 52.9403, 61.7474



51.7316, 52.9403, 66.2390



53.2364, 52.9403, 53.7246



48.9307, 52.9403, 49.8248

Rectangle

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



47.5086, 52.9403, 61.7474



49.5542, 52.9403, 66.9650



53.2364, 52.9403, 53.7246



51.0900, 52.9403, 49.2289

Sweetspot

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



47.5101, 52.9425, 61.7486



91.1470, 97.6177, 108.6459



45.3695, 52.8166, 48.2244



19.3568, 20.8008, 23.2447



0.0000, 0.0000, 0.0000



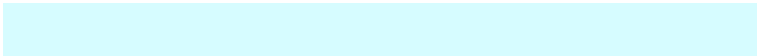
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5101, 52.9425, 61.7486



80.6084, 91.0831, 107.9400



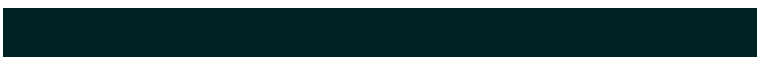
44.7391, 47.4005, 60.8249



10.8743, 11.9227, 13.6457



17.6415, 24.6770, 38.5777



0.8566, 1.2109, 1.8337

Inverse Universe

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



48.5760, 46.0614, 59.1565



82.8867, 76.4742, 102.3767



49.0231, 51.0127, 46.7985



11.0466, 10.8020, 13.2286



20.7040, 10.0312, 29.9807



0.9911, 0.4793, 1.4760

Previews

White Background



This preview shows how the XYZ color 47.5086, 52.9403, 61.7474 looks on a white background.

Color Contrast Check

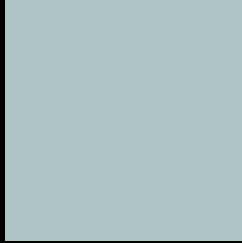
Large Text (above 18pt) WCAG AA × Fail

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 47.5086, 52.9403, 61.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

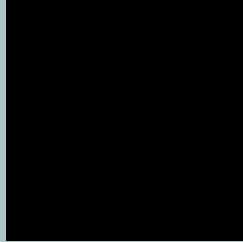
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5086, 52.9403, 61.7474

Background



This preview shows how black text looks on a background with the XYZ color 47.5086, 52.9403, 61.7474.



This preview shows how white text looks on a background with the XYZ color 47.5086, 52.9403,

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

47.5086, 52.9403, 61.7474

Protanopia

50.8427, 52.7165, 59.7201

Deuteranopia

53.8336, 52.6003, 62.5739



Tritanopia

48.9522, 52.8473, 69.2485

Trichromacy



Original Color

47.5086, 52.9403, 61.7474

Protanomaly

49.3977, 52.6102, 60.3746

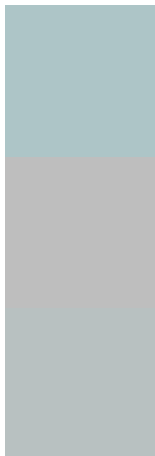
Deuteranomaly

51.3445, 52.5991, 62.0901

Tritanomaly

48.4580, 52.9835, 66.7043

Monochromacy



Original Color

47.5086, 52.9403, 61.7474

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.4628, 52.1805, 57.9697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5086, 52.9403, 61.7474 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(173, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 199)  
}
```

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(173, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.5086, 52.9403, 61.7474 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(173, 197, 199) }
```


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

```
.border{ border-color:rgb(173, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5086, 52.9403, 61.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 199) }
```

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

```
.background{ background-color: rgb(173,  
197, 199) }
```

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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