

Converting Colors

XYZ(52.4078, 60.9999, 62.4756)

Have a look what the booklet for
XYZ(52.4078, 60.9999, 62.4756)
contains.

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Color

**XYZ(52.5777, 61.2494,
62.4773)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D5C6
RGB	179, 213, 198
RGB Percent	70%, 84%, 78%
CMY	0.2980, 0.1647, 0.2235
CMYK	0.16, 0.00, 0.07, 0.16
HSL	154°, 29%, 77%
HSV	154°, 16%, 84%
XYZ	52.5777, 61.2494, 62.4773
YIQ	201.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

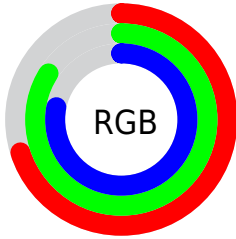
Format	Color
RYB	179, 201, 213
Decimal	11785670
CIELab	82.51, -14.18, 3.65
CIELCh	83, 14.639, 165.544
Yxy	61.2494, 0.2982, 0.3474
Android (android.graphics.Color)	4289975750 (0xFFB3D5C6)
YUV	201.1240, -1.5401, -19.4027
Hunter-Lab	78.2620, -17.0392, 7.4516

Details

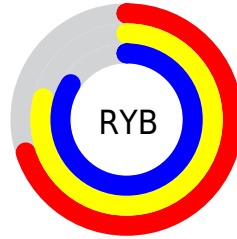
The XYZ color **52.5777, 61.2494, 62.4773** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3004, 50.2829, 57.9380**, and the grayscale version is **55.6117, 58.5079, 63.7151**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **25.8651, 30.9030, 30.9872** is the 20% darker color. If you saturate the color by 10%, you get **46.9795, 58.4865, 56.7316**, and if you desaturate by 10%, it is **59.0070, 64.4364, 68.6156**.

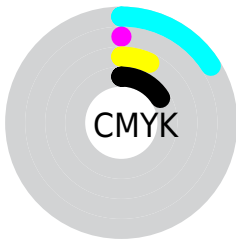
Distribution



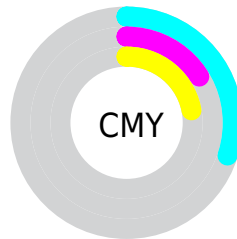
- Red (70%)
- Green (84%)
- Blue (78%)



- Red (70%)
- Yellow (79%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5777, 61.2494, 62.4773 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 52.5777, 61.2494, 62.4773 by changing the saturation by 10% instead.

■ 52.5777, 61.2494,
62.4773

■ 52.5777, 61.2494,
62.4773

386.9502,
429.1879, 451.7256

■ 37.6919, 44.4265,
44.9802

■ 93.1519, 106.6400,
109.9933

■ 25.9198, 31.0059,
31.0990

119.5709,
135.9764, 140.8494

■ 16.8960, 20.6034,
20.4151

150.5651,
170.2528, 176.9955

■ 10.2552, 12.8344,
12.5101

186.4997,
209.8535, 218.8501

■ 5.6321, 7.3146,
6.9653

227.7402,
255.1630, 266.8319

■ 2.6612, 3.6596,
3.3623

274.6519,

■ 0.9772, 1.4850,

306.5656, 321.3594

1.2825

327.6001,
364.4458, 382.8512

■ 0.0000, 0.2782,
0.0474

■ 0.0000, 0.0000,
0.0000

■ 52.5777, 61.2494,
62.4773

■ 52.5777, 61.2494,
62.4773

■ 46.9795, 58.4865,
56.7316

■ 59.0070, 64.4364,
68.6156

■ 42.1714, 56.1216,
51.3666

■ 66.2961, 68.0569,
75.1502

■ 38.1163, 54.1374,
46.3751

■ 74.4785, 72.1300,
82.0900

■ 34.7720, 52.5123,
41.7486

■ 80.1169, 74.8834,
89.2798

■ 32.0920, 51.2225,
37.4780

■ 81.5157, 75.4429,
96.6462

■ 30.0241, 50.2411,
33.5538

■ 82.9875, 76.0316,
104.3964

■ 28.5074, 49.5371,
29.9657

■ 83.0854, 76.0708,
104.9118

■ 27.4666, 49.0717,
26.7025

■ 27.1265, 48.9232,
25.4730

Harmonies

Analogous

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



54.0228, 61.2494, 55.3274



52.5777, 61.2494, 62.4773



52.6053, 61.2494, 71.4187

Triad

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



52.5777, 61.2494, 62.4773



59.8442, 61.2494, 84.7213



62.5354, 61.2494, 55.1233

Complementary

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



52.5777, 61.2494, 62.4773



53.3004, 50.2829, 57.9380

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.



64.2115, 61.2494, 62.1751



52.5777, 61.2494, 62.4773



62.6201, 61.2494, 79.5110

Square

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



52.5777, 61.2494, 62.4773



56.7255, 61.2494, 84.8207



64.2430, 61.2494, 71.0883



59.7318, 61.2494, 51.3469

Rectangle

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



52.5777, 61.2494, 62.4773



53.4526, 61.2494, 77.2252



64.2430, 61.2494, 71.0883



63.2537, 61.2494, 57.1597

Sweetspot

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



52.5794, 61.2520, 62.4787



89.6212, 97.3045, 103.9871



54.2582, 62.3550, 51.8247



19.0250, 20.7490, 22.1124



0.0000, 0.0000, 0.0000



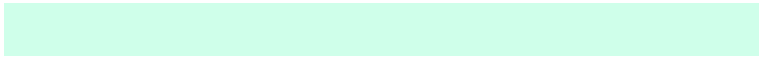
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5794, 61.2520, 62.4787



76.1637, 90.6395, 91.0389



53.9716, 61.1281, 71.9081



12.5500, 14.0110, 14.7109



16.6214, 29.9039, 15.8341



1.0439, 1.8202, 1.1727

Inverse Universe

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



53.3004, 50.2829, 57.9380



77.4374, 71.2653, 83.0201



52.0420, 50.3282, 49.6201



12.6486, 12.5109, 14.0898



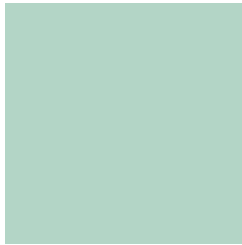
18.0451, 9.1544, 7.5415



1.1296, 0.5686, 0.6720

Previews

White Background



This preview shows how the XYZ color 52.5777, 61.2494, 62.4773 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 52.5777, 61.2494, 62.4773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

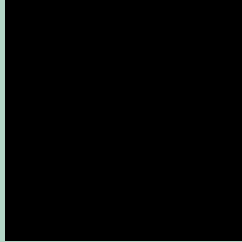
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

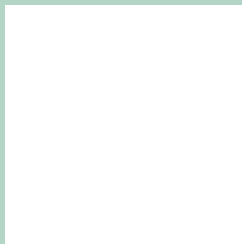
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5777, 61.2494, 62.4773

Background



This preview shows how black text looks on a background with the XYZ color 52.5777, 61.2494, 62.4773.



This preview shows how white text looks on a background with the XYZ color 52.5777, 61.2494,

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

52.5777, 61.2494, 62.4773

Protanopia

58.0825, 60.8849, 59.1428

Deuteranopia

62.1007, 60.7740, 63.7158



Tritanopia

56.2951, 61.2823, 80.8131

Trichromacy



Original Color

52.5777, 61.2494, 62.4773

Protanomaly

55.7163, 60.7079, 60.4110

Deuteranomaly

58.0758, 60.4373, 63.2482

Tritanomaly

54.7327, 60.9961, 73.8545

Monochromacy



Original Color

52.5777, 61.2494, 62.4773

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.2490, 59.1702, 63.2054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5777, 61.2494, 62.4773 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, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 213, 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, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 213, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.5777, 61.2494, 62.4773 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, 213, 198) }
```


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

```
.border{ border-color:rgb(179, 213, 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, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 213,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5777, 61.2494, 62.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 213, 198) }
```

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

```
.background{ background-color: rgb(179,  
213, 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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