

Converting Colors

XYZ(54.2560, 62.3517, 68.8529)

Have a look what the booklet for
XYZ(54.2560, 62.3517, 68.8529)
contains.

XYZ(54.2541, 62.3505, 68.8499)	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(54.2541, 62.3505,
68.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D6D0
RGB	180, 214, 208
RGB Percent	71%, 84%, 82%
CMY	0.2941, 0.1608, 0.1843
CMYK	0.16, 0.00, 0.03, 0.16
HSL	169°, 29%, 77%
HSV	169°, 16%, 84%
XYZ	54.2541, 62.3505, 68.8499
YIQ	203.1500, -18.3380, -9.0740

Conversions

Conversions Part 2

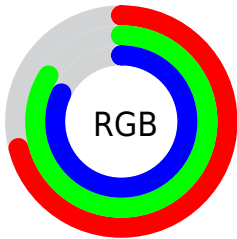
Format	Color
R _{YB}	180, 199, 214
Decimal	11851472
CIE Lab	83.10, -12.39, -0.80
CIE LCh	83, 12.414, 183.705
Yxy	62.3505, 0.2925, 0.3362
Android (android.graphics.Color)	4290041552 (0xFFB4D6D0)
YUV	203.1500, 2.3911, -20.3025
Hunter-Lab	78.9623, -15.5388, 3.5767

Details

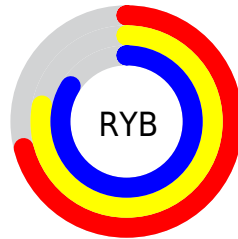
The XYZ color **54.2541, 62.3505, 68.8499** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9179, 50.4854, 53.4126**, and the grayscale version is **56.8541, 59.8149, 65.1384**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **26.9833, 31.6414, 35.2571** is the 20% darker color. If you saturate the color by 10%, you get **49.1928, 59.7960, 66.2164**, and if you desaturate by 10%, it is **60.0993, 65.3111, 71.5805**.

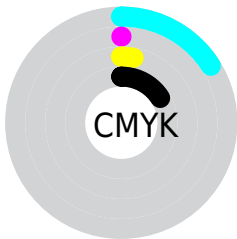
Distribution



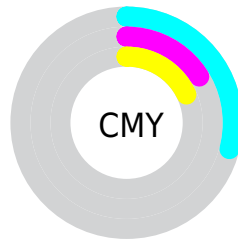
- Red (71%)
- Green (84%)
- Blue (82%)



- Red (71%)
- Yellow (78%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2541, 62.3505, 68.8499 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 54.2541, 62.3505, 68.8499 by changing the saturation by 10% instead.

■ 54.2541, 62.3505,
68.8499

■ 54.2541, 62.3505,
68.8499

393.2608,
433.2085, 475.1810

■ 39.0363, 45.3160,
50.1185

■ 95.6019, 108.2319,
119.2328

■ 26.9688, 31.7064,
35.1357

122.4627,
137.8476, 151.7215

■ 17.6863, 21.1373,
23.4830

153.9352,
172.4259, 189.6329

■ 10.8233, 13.2244,
14.7419

190.3848,
212.3510, 233.3856

■ 6.0146, 7.5833,
8.4939

232.1768,
258.0074, 283.3983

■ 2.8947, 3.8295,
4.3203

279.6765,

■ 1.0983, 1.5786,

309.7795, 340.0894

1.8026

333.2494,
368.0517, 403.8774

■ 0.0237, 0.3431,
0.4297

■ 0.0000, 0.0000,
0.0000

■ 54.2541, 62.3505,
68.8499

■ 54.2541, 62.3505,
68.8499

■ 49.1928, 59.7960,
66.2164

■ 60.0993, 65.3111,
71.5805

■ 44.8747, 57.6218,
63.6739


■ 66.7559, 68.6871,
74.4059


■ 41.2636, 55.8108,
61.2214


■ 74.2569, 72.4971,
77.3295

■ 38.3182, 54.3416,
58.8567


■ 78.6224, 74.6893,
80.1653


 35.9927, 53.1908,
56.5772


 79.1380, 74.8955,
82.8803


 34.2355, 52.3318,
54.3801


 79.6650, 75.1063,
85.6555


 32.9865, 51.7335,
52.2621

 80.2035, 75.3218,
88.4914

 32.1713, 51.3576,
50.2194

 80.7536, 75.5418,
91.3883

 31.9063, 51.2389,
49.3988

 81.3154, 75.7665,
94.3466

Harmonies

Analogous

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



54.7495, 62.3505, 61.5424



54.2541, 62.3505, 68.8499



55.0669, 62.3505, 76.4364

Triad

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



54.2541, 62.3505, 68.8499



62.1761, 62.3505, 80.9588



61.5808, 62.3505, 55.4676

Complementary

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



54.2541, 62.3505, 68.8499



52.9179, 50.4854, 53.4126

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.



63.6656, 62.3505, 60.0040



54.2541, 62.3505, 68.8499



64.0165, 62.3505, 74.6578

Square

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



54.2541, 62.3505, 68.8499



59.5968, 62.3505, 83.7529



64.5696, 62.3505, 66.9373



58.9290, 62.3505, 54.1667

Rectangle

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



54.2541, 62.3505, 68.8499



56.2560, 62.3505, 80.5282



64.5696, 62.3505, 66.9373



62.3738, 62.3505, 56.6469

Sweetspot

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



54.2559, 62.3531, 68.8513



90.1535, 97.5174, 106.7902



52.5931, 61.8594, 52.3491



19.1546, 20.8008, 22.7947



0.0000, 0.0000, 0.0000



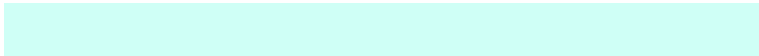
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2559, 62.3531, 68.8513



78.0698, 91.4019, 101.0761



52.3729, 57.3827, 71.9370



12.6937, 14.0685, 15.4675



19.3191, 30.9830, 30.0397



1.1905, 1.8788, 1.9448

Inverse Universe

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



52.9179, 50.4854, 53.4126



75.7230, 70.5795, 73.9919



54.5518, 54.7532, 50.8742



12.5119, 12.4562, 13.3698



16.9984, 8.7357, 2.0294



1.0529, 0.5380, 0.2681

Previews

White Background



This preview shows how the XYZ color 54.2541, 62.3505, 68.8499 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 54.2541, 62.3505, 68.8499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

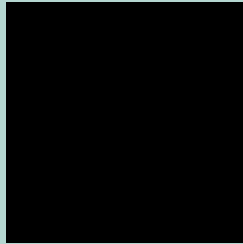
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

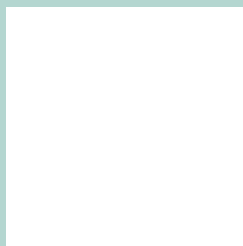
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2541, 62.3505, 68.8499

Background



This preview shows how black text looks on a background with the XYZ color 54.2541, 62.3505, 68.8499.

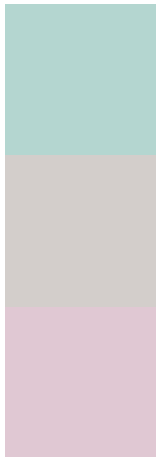


This preview shows how white text looks on a background with the XYZ color 54.2541, 62.3505,

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

54.2541, 62.3505, 68.8499

Protanopia

59.7148, 62.3033, 65.3783

Deuteranopia

63.1526, 61.8590, 70.2395



Tritanopia

57.0650, 62.3803, 82.4317

Trichromacy



Original Color

54.2541, 62.3505, 68.8499

Protanomaly

57.6393, 62.2881, 66.7425

Deuteranomaly

59.4766, 61.7257, 69.7523

Tritanomaly

56.1231, 62.3747, 77.4881

Monochromacy



Original Color

54.2541, 62.3505, 68.8499

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8379, 60.6355, 66.5185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2541, 62.3505, 68.8499 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, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(180, 214, 208)  
}
```

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, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 214, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.2541, 62.3505, 68.8499 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, 214, 208) }
```


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

```
.border{ border-color:rgb(180, 214, 208) }
```

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

Here you see how a box with a 4 pixel rgb(180, 214, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(180, 214,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2541, 62.3505, 68.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 214, 208) }
```

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

```
.background{ background-color: rgb(180,  
214, 208) }
```

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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