

Converting Colors

XYZ(54.2954, 62.5605, 46.3812)

Have a look what the booklet for
XYZ(54.2954, 62.5605, 46.3812)
contains.

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Color

**XYZ(54.1508, 62.4214,
46.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D5A8
RGB	198, 213, 168
RGB Percent	78%, 84%, 66%
CMY	0.2235, 0.1647, 0.3412
CMYK	0.07, 0.00, 0.21, 0.16
HSL	80°, 35%, 75%
HSV	80°, 21%, 84%
XYZ	54.1508, 62.4214, 46.2403
YIQ	203.3850, 5.5050, -17.1750

Conversions

Conversions Part 2

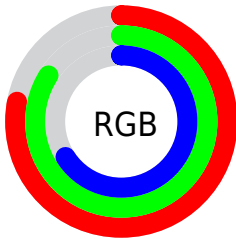
Format	Color
RYB	168, 213, 183
Decimal	13030824
CIELab	83.14, -12.81, 20.59
CIElCh	83, 24.255, 121.890
Yxy	62.4214, 0.3326, 0.3834
Android (android.graphics.Color)	4291220904 (0xFFC6D5A8)
YUV	203.3850, -17.4448, -4.7226
Hunter-Lab	79.0072, -15.9204, 20.6046

Details

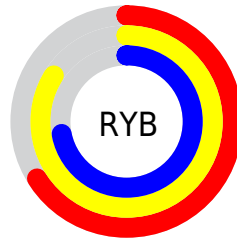
The XYZ color **54.1508, 62.4214, 46.2403** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5439, 42.8784, 68.8301**, and the grayscale version is **57.1120, 60.0863, 65.4340**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **26.8808, 31.6440, 21.2141** is the 20% darker color. If you saturate the color by 10%, you get **50.4990, 60.7515, 36.5457**, and if you desaturate by 10%, it is **58.2188, 64.2720, 57.6537**.

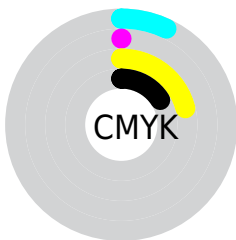
Distribution



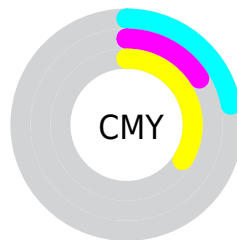
- Red (78%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)





- Cyan (22%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1508, 62.4214, 46.2403 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 54.1508, 62.4214, 46.2403 by changing the saturation by 10% instead.


 54.1508, 62.4214,
46.2403


 54.1508, 62.4214,
46.2403


392.8738,
433.4666, 388.0795

 38.9534, 45.3733,
32.0855


 95.4512, 108.3343,
85.9166

 26.9040, 31.7516,
21.1614


 122.2849,
137.9680, 112.2751

 17.6374, 21.1718,
13.0497

153.7281,
172.5655, 143.5386

 10.7881, 13.2496,
7.3316

190.1462,
212.5115, 180.1256

 5.9907, 7.6007,
3.5888

231.9044,
258.1901, 222.4546

 2.8801, 3.8405,
1.4026

279.3682,

 1.0907, 1.5848,

309.9859, 270.9443

0.1437

332.9028,
368.2833, 326.0131

■ 0.0173, 0.3473,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1508, 62.4214,
46.2403

■ 54.1508, 62.4214,
46.2403

■ 50.4990, 60.7515,
36.5457

■ 58.2188, 64.2720,
57.6537

■ 47.2414, 59.2473,
28.4826

■ 62.7140, 66.3017,
70.8595

■ 44.3614, 57.9039,
21.9619

■ 67.6529, 68.5194,
85.9319

■ 41.8389, 56.7133,
16.8848

■ 73.0498, 70.9307,
102.9398

■ 39.6517, 55.6663,
13.1405

■ 75.6165, 72.2206,
104.5623

■ 37.7744, 54.7528,
10.6027

■ 77.9887, 73.4435,
104.6733

■ 36.1771, 53.9605,
9.1202

■ 80.4554, 74.7152,
104.7888

■ 34.9486, 53.3407,
8.4538

■ 83.0176, 76.0360,
104.9087

■ 83.0855, 76.0711,
104.9118

Harmonies

Analogous

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



58.9971, 62.4214, 42.9553



54.1508, 62.4214, 46.2403



50.8571, 62.4214, 55.2246

Triad

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



54.1508, 62.4214, 46.2403



54.6956, 62.4214, 96.8153



70.0109, 62.4214, 67.0165

Complementary

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



54.1508, 62.4214, 46.2403



45.5439, 42.8784, 68.8301

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.



68.6946, 62.4214, 82.5310



54.1508, 62.4214, 46.2403



59.6635, 62.4214, 101.1803

Square

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



54.1508, 62.4214, 46.2403



51.1583, 62.4214, 84.4265



64.8286, 62.4214, 95.6123



68.3279, 62.4214, 53.7979

Rectangle

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



54.1508, 62.4214, 46.2403



49.8792, 62.4214, 63.9655



64.8286, 62.4214, 95.6123



69.9042, 62.4214, 72.1305

Sweetspot

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



54.1524, 62.4241, 46.2416



90.8317, 98.0988, 96.3522



51.4442, 50.8423, 44.1489



19.3466, 20.9542, 20.3441



0.0000, 0.0000, 0.0000



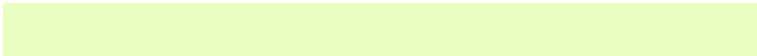
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1524, 62.4241, 46.2416



79.0395, 92.7419, 63.1697



48.6558, 59.5905, 45.9844



13.0519, 14.3029, 13.2335



21.4593, 32.6390, 5.1689



1.3804, 2.0130, 0.3158

Inverse Universe

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



45.5439, 42.8784, 68.8301



64.0326, 58.6630, 102.5559



51.3301, 45.8613, 69.1009



12.1289, 12.2078, 15.6546



9.0216, 3.8033, 38.7118



0.6307, 0.2740, 2.3390

Previews

White Background



This preview shows how the XYZ color 54.1508, 62.4214, 46.2403 looks on a white background.

Color Contrast Check

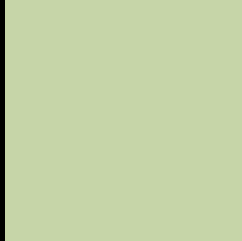
Large Text (above 18pt) WCAG AA × Fail

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 54.1508, 62.4214, 46.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

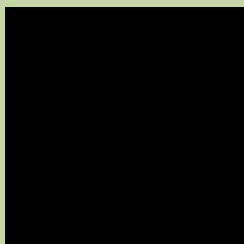
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

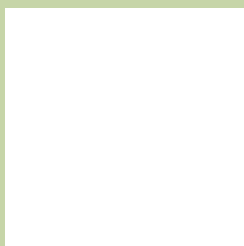
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1508, 62.4214, 46.2403

Background



This preview shows how black text looks on a background with the XYZ color 54.1508, 62.4214, 46.2403.



This preview shows how white text looks on a background with the XYZ color 54.1508, 62.4214,

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

54.1508, 62.4214, 46.2403

Protanopia

58.3780, 62.0749, 44.5021

Deuteranopia

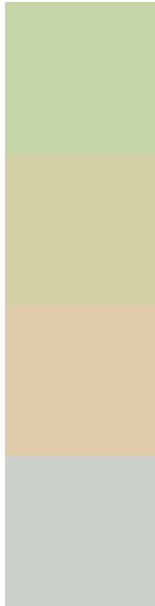
63.3707, 62.1378, 47.1819



Tritanopia

60.7097, 62.5384, 77.9786

Trichromacy



Original Color

54.1508, 62.4214, 46.2403

Protanomaly

56.8348, 62.3512, 45.1159

Deuteranomaly

59.5890, 61.9353, 46.8442

Tritanomaly

58.0897, 62.5617, 64.8911

Monochromacy



Original Color

54.1508, 62.4214, 46.2403

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6945, 60.7609, 57.5078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1508, 62.4214, 46.2403 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(198, 213, 168)` looks like.

```
.text, #text, p{  
    color:rgb(198, 213, 168)  
}
```

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(198, 213, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 213, 168) }
```

Border

The CSS property to change the border of an element to XYZ 54.1508, 62.4214, 46.2403 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(198, 213, 168) }
```


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

```
.border{ border-color:rgb(198, 213, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 213, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 213, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 213, 168);  
box-shadow:4px 4px 4px 4px rgb(198, 213,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1508, 62.4214, 46.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 213, 168) }
```

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

```
.background{ background-color: rgb(198,  
213, 168) }
```

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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