

Converting Colors

XYZ(49.9874, 54.5955, 62.3758)

Have a look what the booklet for
XYZ(49.9874, 54.5955, 62.3758)
contains.

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Color

**XYZ(49.9108, 54.5034,
62.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C6C8
RGB	182, 198, 200
RGB Percent	71%, 78%, 78%
CMY	0.2863, 0.2235, 0.2157
CMYK	0.09, 0.01, 0.00, 0.22
HSL	187°, 14%, 75%
HSV	187°, 9%, 78%
XYZ	49.9108, 54.5034, 62.5332
YIQ	193.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

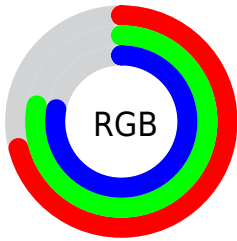
Format	Color
R_{YB}	182, 190, 200
Decimal	11978440
CIE _{Lab}	78.75, -5.04, -2.87
CIE _{LCh}	79, 5.799, 209.715
Yxy	54.5034, 0.2990, 0.3265
Android (android.graphics.Color)	4290168520 (0xFFB6C6C8)
YUV	193.4440, 3.2321, -10.0364
Hunter-Lab	73.8264, -8.5202, 1.4581

Details

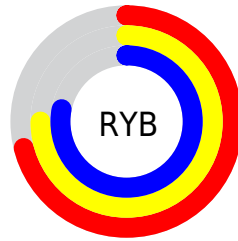
The XYZ color **49.9108, 54.5034, 62.5332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4036, 49.9373, 51.2918**, and the grayscale version is **50.9370, 53.5897, 58.3592**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **24.2148, 26.6890, 31.0694** is the 20% darker color. If you saturate the color by 10%, you get **45.0177, 51.2350, 62.1611**, and if you desaturate by 10%, it is **55.4891, 58.1390, 62.9418**.

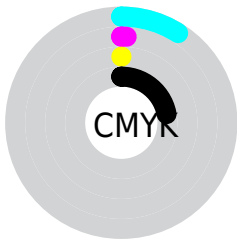
Distribution



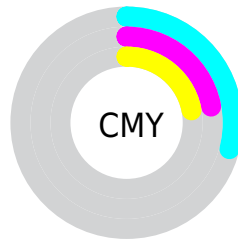
- Red (71%)
- Green (78%)
- Blue (78%)



- Red (71%)
- Yellow (75%)
- Blue (78%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9108, 54.5034, 62.5332 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 49.9108, 54.5034, 62.5332 by changing the saturation by 10% instead.

■ 49.9108, 54.5034,
62.5332

■ 49.9108, 54.5034,
62.5332

376.7748,
404.0267, 451.9346

■ 35.5600, 39.0043,
45.0251

■ 89.2353, 96.8130,
110.0748

■ 24.2631, 26.7630,
31.1341

114.9398,
124.3922, 140.9455

■ 15.6547, 17.3953,
20.4417

145.1595,
156.7669, 177.1074

■ 9.3694, 10.5168,
12.5292

180.2599,
194.3215, 218.9791

■ 5.0420, 5.7429,
6.9783

220.6062,
237.4404, 266.9791

■ 2.3069, 2.6894,
3.3703

266.5639,

■ 0.7982, 0.9718,

286.5080, 321.5260

1.2867

318.4983,
341.9086, 383.0383

■ 0.0000, 0.0000,
0.0508

■ 0.0000, 0.0000,
0.0000

■ 49.9108, 54.5034,
62.5332

■ 49.9108, 54.5034,
62.5332

■ 45.0177, 51.2350,
62.1611

■ 55.4891, 58.1390,
62.9418

■ 40.7766, 48.3122,
61.8204

■ 61.7746, 62.1489,
63.3845

■ 37.1585, 45.7215,
61.5111

■ 68.7944, 66.5483,
63.8637

■ 34.1305, 43.4459,
61.2315

■ 73.9491, 69.9975,
64.2578

■ 31.6566, 41.4668,
60.9798

■ 74.4901, 71.0794,
64.4381

■ 29.6967, 39.7635,
60.7544

■ 75.0386, 72.1765,
64.6209

■ 28.2054, 38.3125,
60.5529

■ 75.5948, 73.2887,
64.8063

■ 27.1290, 37.0861,
60.3729

■ 76.1585, 74.4163,
64.9942

■ 26.3780, 36.0380,
60.2102

■ 76.7300, 75.5592,
65.1847

Harmonies

Analogous

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



49.6283, 54.5034, 59.3136



49.9108, 54.5034, 62.5332



50.6989, 54.5034, 64.9715

Triad

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



49.9108, 54.5034, 62.5332



53.7329, 54.5034, 62.5895



51.8148, 54.5034, 53.2466

Complementary

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



49.9108, 54.5034, 62.5332



49.4036, 49.9373, 51.2918

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.



52.9247, 54.5034, 54.0530



49.9108, 54.5034, 62.5332



54.0421, 54.5034, 59.3763

Square

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



49.9108, 54.5034, 62.5332



52.9055, 54.5034, 65.0049



53.7442, 54.5034, 56.2669



50.7176, 54.5034, 54.0235

Rectangle

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



49.9108, 54.5034, 62.5332



51.4109, 54.5034, 65.7832



53.7442, 54.5034, 56.2669



52.1988, 54.5034, 53.3411

Sweetspot

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



49.9124, 54.5057, 62.5344



92.0212, 98.0376, 108.6808



48.5773, 54.7068, 53.2376



19.5271, 20.8740, 23.2498



0.0000, 0.0000, 0.0000



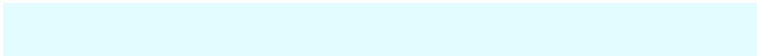
20.3446, 21.4041, 23.3091

Same Dimension

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



49.9124, 54.5057, 62.5344



84.4881, 93.0934, 108.1236



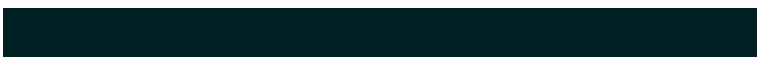
47.9582, 50.5974, 61.8830



10.8424, 11.8588, 13.6350



16.7687, 22.9313, 38.2867



0.8234, 1.1446, 1.8227

Inverse Universe

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



50.7416, 49.8135, 60.3694



86.2484, 83.1920, 103.5145



51.2895, 53.7092, 51.9205



11.0305, 10.7956, 13.1437



20.2634, 9.8549, 27.6607



0.9743, 0.4726, 1.3879

Previews

White Background



This preview shows how the XYZ color 49.9108, 54.5034, 62.5332 looks on a white background.

Color Contrast Check

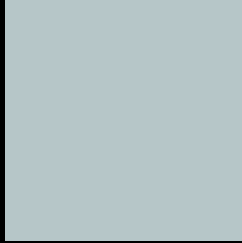
Large Text (above 18pt) WCAG AA × Fail

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 49.9108, 54.5034, 62.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

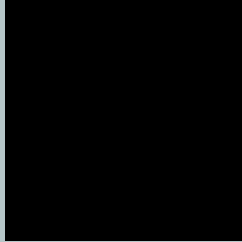
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

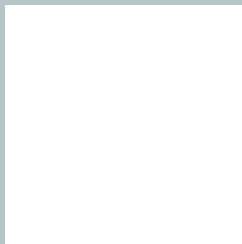
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.9108, 54.5034, 62.5332

Background



This preview shows how black text looks on a background with the XYZ color 49.9108, 54.5034, 62.5332.



This preview shows how white text looks on a background with the XYZ color 49.9108, 54.5034,

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

49.9108, 54.5034, 62.5332

Protanopia

52.3958, 54.4851, 60.5784

Deuteranopia

55.4366, 54.3611, 63.4480



Tritanopia

51.3908, 54.4237, 70.0836

Trichromacy



Original Color

49.9108, 54.5034, 62.5332

Protanomaly

51.4464, 54.3139, 61.1982

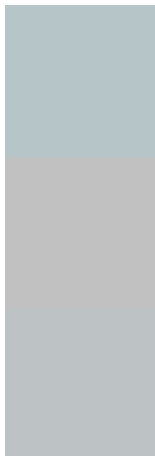
Deuteranomaly

53.2117, 54.1957, 62.9146

Tritanomaly

50.8799, 54.5539, 67.5228

Monochromacy



Original Color

49.9108, 54.5034, 62.5332

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4652, 53.8346, 59.9559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9108, 54.5034, 62.5332 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(182, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 200)  
}
```

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(182, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 200) }
```

Border

The CSS property to change the border of an element to XYZ 49.9108, 54.5034, 62.5332 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(182, 198, 200) }
```


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

```
.border{ border-color:rgb(182, 198, 200) }
```

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

Here you see how a box with a 4 pixel rgb(182, 198, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9108, 54.5034, 62.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 200) }
```

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

```
.background{ background-color: rgb(182,  
198, 200) }
```

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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