

Converting Colors

XYZ(51.0537, 54.6134, 71.3752)

Have a look what the booklet for
XYZ(51.0537, 54.6134, 71.3752)
contains.

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Color

**XYZ(50.9262, 54.4908,
71.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C5D6
RGB	180, 197, 214
RGB Percent	71%, 77%, 84%
CMY	0.2941, 0.2274, 0.1608
CMYK	0.16, 0.08, 0.00, 0.16
HSL	210°, 29%, 77%
HSV	210°, 16%, 84%
XYZ	50.9262, 54.4908, 71.4520
YIQ	193.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

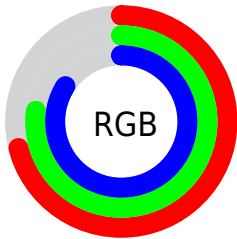
Format	Color
RYB	180, 191, 214
Decimal	11847126
CIELab	78.75, -2.29, -10.44
CIELCh	79, 10.690, 257.641
Yxy	54.4908, 0.2879, 0.3081
Android (android.graphics.Color)	4290037206 (0xFFB4C5D6)
YUV	193.8550, 9.9315, -12.1508
Hunter-Lab	73.8179, -6.0360, -5.7172

Details

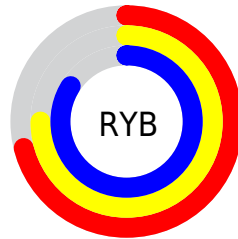
The XYZ color **50.9262, 54.4908, 71.4520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9364, 57.5238, 51.3361**, and the grayscale version is **51.1435, 53.8069, 58.5957**.

A 20% lighter version of the original color is **88.0839, 95.9365, 108.4828**, and **24.8329, 26.6602, 36.6380** is the 20% darker color. If you saturate the color by 10%, you get **43.9804, 47.4322, 70.4565**, and if you desaturate by 10%, it is **58.8168, 62.2953, 72.5434**.

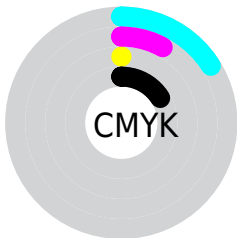
Distribution



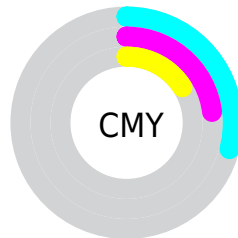
- Red (71%)
- Green (77%)
- Blue (84%)



- Red (71%)
- Yellow (75%)
- Blue (84%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9262, 54.4908, 71.4520 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 50.9262, 54.4908, 71.4520 by changing the saturation by 10% instead.

■ 50.9262, 54.4908,
71.4520

■ 50.9262, 54.4908,
71.4520

380.6694,
403.9788, 484.5581

■ 36.3707, 38.9942,
52.2270

■ 90.7293, 96.7945,
122.9776

■ 24.8921, 26.7552,
36.8026

116.7076,
124.3704, 156.1152

■ 16.1249, 17.3895,
24.7601

147.2242,
156.7415, 194.7276

■ 9.7040, 10.5126,
15.6810

182.6445,
194.2921, 239.2331

■ 5.2639, 5.7401,
9.1468

223.3338,
237.4068, 290.0504

■ 2.4393, 2.6877,
4.7389

269.6575,

■ 0.8647, 0.9709,

286.4699, 347.5980

2.0389

321.9809,
341.8658, 412.2944

■ 0.0000, 0.0000,
0.5790

■ 0.0000, 0.0000,
0.0000

■ 50.9262, 54.4908,
71.4520

■ 50.9262, 54.4908,
71.4520

■ 43.9804, 47.4322,
70.4565

■ 58.8168, 62.2953,
72.5434

■ 37.9358, 41.0874,
69.5504

■ 67.6838, 70.8628,
73.7298

■ 32.7526, 35.4319,
68.7320

■ 77.5631, 80.2182,
75.0148

■ 28.3855, 30.4368,
67.9980

■ 84.4784, 88.3164,
76.2135

■ 24.7850, 26.0706,
67.3450

■ 87.7178, 94.7953,
77.2933

■ 21.8955, 22.2987,
66.7692

■ 89.1378, 97.6351,
77.7666

■ 19.6527, 19.0815,
66.2665

■ 17.9779, 16.3719,
65.8317

■ 17.3972, 15.3740,
65.6697

Harmonies

Analogous

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



49.0996, 54.4908, 68.3612



50.9262, 54.4908, 71.4520



53.0342, 54.4908, 71.1380

Triad

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



50.9262, 54.4908, 71.4520



55.7652, 54.4908, 55.8709



48.8443, 54.4908, 51.8241

Complementary

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



50.9262, 54.4908, 71.4520



55.9364, 57.5238, 51.3361

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.



50.5691, 54.4908, 48.9089



50.9262, 54.4908, 71.4520



54.5808, 54.4908, 51.1337

Square

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



50.9262, 54.4908, 71.4520



55.8672, 54.4908, 61.8595



52.6673, 54.4908, 48.6651



47.9197, 54.4908, 56.8728

Rectangle

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



50.9262, 54.4908, 71.4520



54.3156, 54.4908, 69.0409



52.6673, 54.4908, 48.6651



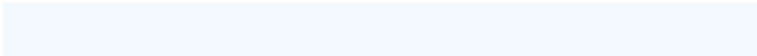
49.3476, 54.4908, 50.5774

Sweetspot

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



50.9278, 54.4931, 71.4532



88.5140, 93.6619, 108.0211



52.8831, 61.8027, 61.6264



18.7554, 19.8618, 23.0952



0.0000, 0.0000, 0.0000



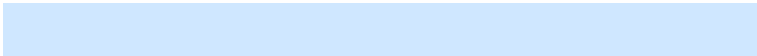
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9278, 54.4931, 71.4532



72.1706, 77.4487, 105.7530



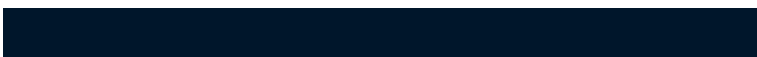
47.3969, 47.4312, 70.2763



12.2505, 13.0245, 15.8058



10.6195, 9.5007, 39.7273



0.7233, 0.7386, 2.4238

Inverse Universe

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



54.1321, 50.9711, 59.8112



77.8365, 71.4249, 85.1215



59.8741, 65.3992, 52.6487



12.6797, 12.5234, 14.2533



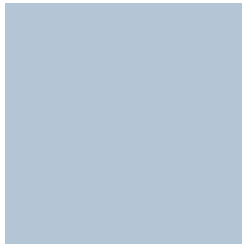
18.4191, 9.3040, 9.5109



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 50.9262, 54.4908, 71.4520 looks on a white background.

Color Contrast Check

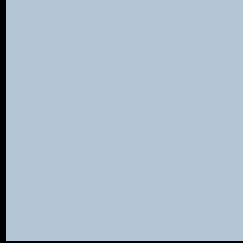
Large Text (above 18pt) WCAG AA × Fail

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 50.9262, 54.4908, 71.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

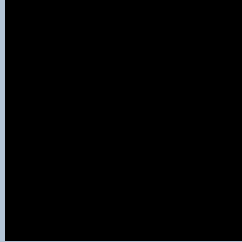
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

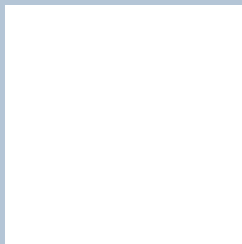
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9262, 54.4908, 71.4520

Background



This preview shows how black text looks on a background with the XYZ color 50.9262, 54.4908, 71.4520.



This preview shows how white text looks on a background with the XYZ color 50.9262, 54.4908,

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

50.9262, 54.4908, 71.4520

Protanopia

52.9459, 54.2309, 69.9644

Deuteranopia

55.4941, 54.1904, 72.5007



Tritanopia

50.7989, 54.4399, 70.7814

Trichromacy



Original Color

50.9262, 54.4908, 71.4520

Protanomaly

52.0411, 54.0790, 70.6462

Deuteranomaly

53.6211, 54.2077, 71.9270

Tritanomaly

50.7989, 54.4399, 70.7814

Monochromacy



Original Color

50.9262, 54.4908, 71.4520

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0440, 54.0661, 63.0038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9262, 54.4908, 71.4520 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, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 197, 214)  
}
```

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, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 50.9262, 54.4908, 71.4520 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, 197, 214) }
```


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

```
.border{ border-color:rgb(180, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9262, 54.4908, 71.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 197, 214) }
```

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

```
.background{ background-color: rgb(180,  
197, 214) }
```

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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